Commonwealth of Ponnsylvania Department of Health Division of Community Environmental Services October 14, 1968

Treu:

SUBJECT: Site Suitability for Proposed Sanitary Landfill

City of Allentown, Allentown Borough, Lehigh County

TO: Joseph P. Pomponi

Supervising Sanitarian

Lonaid Bic

Region II

THROUGH: Chief, Division of Community

Favironmental Services

FROM:

F. Glade Loughry, Fh. C. A.

Soil Scientist III

Division of Community Environmental Services Real II

and

K. Roland sergeon KRB

Soil Scientist I

Division of Community invironmental Services

- At your reluest, we amspected the proposed incineration-reduction plant site for the city of Allenson located in the 16th Marc on September 25, 1958, in fair, warm wanther.

Present in the field ware: Robert R. Moyor, Or., Consultant - Coordinator city of Allentown; William S. Jacoby, City Angineer for Allentown; Joseph P. Pomponi, Supervising Sanitarian; Kenneth W. Hohe, Sanitarian; K. Koland Bergner, Soil Scientist I; and F. Glade Loughry, Soil Scientist III. Pennsylvania Department of Health.

The proposed site is a hilly area with concrete fluxe through the center which transports storm sewer drainage. The area consists of about 12 acres, and was formerly a limestone quarry. It is located south of the Lehigh hiver next to the Lehigh Valley Eailroad and east of South Front Street in the 16th Ward, Allentown Borough, Lehigh County. It is in the upland of the Great Valley Section of the Valley and Ridge Province at an elevation from 250-300 feet. The map location is 17.50 inches north and 10.50 inches west of the southeast corner of the Allentown Tast 7.5 minute quadrangle of the topographic survey dated 1964; and on the borders of the southeast corner of Sheets 27 and 32 of the Lehigh County Soil Survey.

The city of Allentown plans to disposs incincrator residue ash and garbage and rubbish, and also use the site for general track and garbage if the incinerator becomes inoperational. Ash and other waste materials (cans, bottles, paper) have been dumped at the site by residents in the immediate area for many years. Plans are to create a recreational spot on the area

after it is filled and leveled. Three acres near the mouth of the ravine are reserved for a new incineration site. Most of the site consists of made land consisting of soil intermixed with limestone, and of cinders, ash and trash which are mixed or deposited in the soil, and are spread throughout the site. Alluvial material is evident in a few places at the bottom of the ravine due to the stream running through the area. Quartzite fragments are found east of the site. Three random examinations were made by digging with a spade which had the following:

- 1. First site sampled was on the northwest edge of the area and consists of old fill material and also had some large pieces of limestone.
- 2. The second sampling area was also on the northwest edge but was about 100 feet east of the first. The results here show old fill again but this is deeper than site #1.
- 3. The third and limit complete was on the west side opposite the storm sewer outlete. This site consists of 4 inches of fill and shale with quartiste fragments.

A horizon - Very dark gray wilt loam

3 horizon - Strong brown very shaly silt loam

The area is underlain by limestone and delemines of the Tomstown Fermation, while the eastern part of the area is underlain by quartzite of the Hardyston Formation (both Cambrian in age).

Water is present as a showing screen through the middle of the area and travels by way of a concrete shame. Surface drainage from the surrounding area is carried by this flume.

Summary and Recommendations

The site is in a ravine which serves as an outlet for storm sewers draining a large urban area. It is proposed to replace the present flume with a 7 foot concrete culvert, and landfill over it.

Because there is both heavy storm discharge and moderate perennial flow in this system the possibility of water pollution at this point must be considered as well as leachate from the foot of the landfill.

Incinerator ash and fly ash are high in water soluble solids which present pollution hazards when leaching. The V-shaped ravine position of the site will promote leaching. Ash and trash fill already in the ravine favor infiltration. They also obscure bedrock conditions in the contact zone between limestone and quartities for these reasons the site has severe limitations for landfill:

- It should not be used for general trash and garbage sanitary landfill.
- 2. Part of the site could be used for incinerator ash if it is adequately burned to lower the content of putrescibles. Ash should not be used over or close to a culvert which carries the storm sewer and natural discharge. Open drainage should be maintained at approximately the present grade to avoid raising the groundwater into fill that would be placed.
- 3. The site is good for filling with excavation waste and non-putrescible demolition waste. This would accomplish the eventual aim of developing a good park and recreational area.
- cc: Regional Medical Director Region II Regional Sanit rian - Region II Regional Sanitary Engineer - Region II Donald Becker
 - Ar. Bucciarelli

 - Mr. Brickson Dr. Tmrich (2)
 - Dr. Loughry
 - Lr. Bergner
 - Mr. Pompeni (4)

Evaluation Colid Caste Cisposal Cite

F. Clade Loughry, Fh. D.

Coil Ccientist III

Division of Community

Environmental Cervices

Joseph Fomponi

Supervising Anitarian

State Health Center

Lenigh & Northampton Counties

Thru: Robert B. Darrall

Regional Canitarian

Region II - West Reading Office

Consid Secker

Solid Aaste Coordinator

Region II - West Reading Office

Attached please find a request from the City of Allentown for an evaluation of a proposed solid waste disposed Little

I have requested the exact location to be expeted on the rehigh County foils hap from the City of Allentown. They have promised to forward this information as soon as possible.

rloase schedule a tenstive date so that we can expedite this request.

jſ

ORIGINAL REDIVAL

DIMMONWEALTH OF PENNSYLVANIA
August 19, 1969

Subject: Site Suitability for Sanitary Landfill, School Board Property, City of Allentown, Lehigh County

Joseph P. Pomponi
Supervising Sanitarian

Bethlehem

FROM: F. Glade Loughry, Ph.D.

Soils Scientist III

Division of Community Environmental Services

and

Richard Rhindress

Geologist

Division of Water Quality

Thru:

Director, Division of Community Environmental Services

Groundwater Geologist, Divis

Regional Sanitarian
Region II. (West Reading)

We have reviewed the query about use of a sandpit for a solid waste disposal site as requested by Robert E. Moyer, Jr., in a letter to you dated July 17, 1967, your memorandum of July 22, 1969, and outlined on a map supplied by Mr. Moyer on July 22, 1969. The proposal is for use of this area which is owned by the School Board for demolition waste from a redevelopment project and possibly for other wastes. This would be followed by development of a playground.

The site is south of Tilghman Street between Graham Street and Irving Street. The map location is 21.5 inches north and 9.6 inches west of the southeast corner of the Allentown East 7.5 minute quadrangle of the topographic survey dated 1964. (latitude 40° 37' 05" longitude 75° 26' 39"). It can also be located as 6.3 inches north and 9.7 inches west of the southeast corner of sheet 27 of the Lehigh County Soil Survey.

It is a pit in an upland site at elevations of 310 to 330 feet. It is in an urban setting with buildings on all sides.

The published soil survey shows it with a quarry symbol. On three sides it is surrounded by Washington silt loam which is a deep well drained medium textured soil developed in mixed materials which originally included limestone but which has weathered deeply with removal of carbon ates. On the south side the soil material has been moved and mixed to the extent that it is classified as Made land, limestone material. The hill about 1200 feet south of the pit has Fleetwood very stony loam, a well drained soil developed from weathered quartzite.

Bedrock at the site consists of the Hardyston sandstone which has been quarried for building stone. The rock is sheared and broken with many open joints and fractures. These openings give the rock a high effective permeability. A formational boundary which is also a fault forms the north wall of the quarry. The formation to the north is an impure shaly dolostone. The dolostone has high effective permeability and the

200005

fault has been mapped as an important zone for groundwater movement. Groundwater flows due west from the quarry to the Lehigh River, with the major portion of flow concentrated along the fault. Approximately 1500 feet west of the quarry the Albeth Ice Company has a well in service; this well will be contaminated by leachate produced by a landfill operation in this quarry.

Summary and Recommendations:

Information furnished with your request and data available from published sources are so complete that it does not appear necessary to make a field examination and have test holes drilled unless there is a plan for extensive development with collection and treatment of leachate.

The recommendation is that fill be limited to nonputrescible material. If the demolition wastes have a high proportion of wood, it should be excluded and only earth, brick, plaster and similar inert materials placed in this pit.

FGL:RR:pje

cc: Regional Medical Director, Region II
Regional Sanitarian, Region II (West Reading)
Regional Sanitary Engineer, Region II (West Reading)
Solid Waste Coordinator, Region II (West Reading)
Mr. Erickson
Mr. Bucciarelli

Dr. Emrich (2)
Dr. Loughry

Mr. Rhindress

Mr. Pomponi (4)

file

chron, file

CRICINA

FLANNING and ZONING COMMISSION
Robert Diehl, Chairman
Wilbur F. Chinery
Leroy C. Everett
Louis M. Schontz, Jr.
Carroll C. Martindell
Donald T. Shire
Kenneth W. Darby

ZONING MEARING BOARD Raymond C. Geiger, Chairman Henry F. Daley, Jr. William R. Kerler

SOUTH WHITEHALL TOWNSHIP

897 Main Street

Guthsville, Pa.

P. O. Address R. 1, Orefield, Pa. 18069

Telephone 395-3771 and 395-3772

MANAGER/SECRETARY William H. Hansell, Jr.

ORDINANCE OFFICER

SOLICITOR
Richard W. Shaffer

ENGINEER John S. Pidcock

TREASURER/TAX COLLECTOR Albert P. Hoines

September 15, 1969

Mr. Carl Gitscher Penna. Dept. of Health 520 East Broad Street Bethlehem, Pennsylvania 18018

Dear Carl:

In reviewing the Feasibility Study for the Louis Novak Sanitary Landfill operation, it has come to our attention that there is a large existing hole located in the southeast corner of the Novak property.

It has been suggested that this hole be filled with demolition landfill. Mr. Novak's engineer estimated the time to fill this hole to be approximately four years, two months.

Prior to the Township taking a position on this proposal, however, I would like to formally request that the Pennsylvania State Department of Health conduct the necessary tests and determine if this area is suitable for a sanitary landfill operation.

Thank you for your assistance in this matter.

Sincerely yours,

WILLIAM H. HANSELL, JR. Township Manager/Secretary

'WHH , JR/kdk

200007

A PLANNED COMMUNITY

XFRO

DRATH ONLY

September 17, 1969

C. A. Costello Engineering Co. 629 N. Quebec St. Allentown, Pa. 18103

Attention: Mr. Harold W. Campbell

Re: Novak Landfill
South Whitehall Township

Gentlemen:

Mr. Carl Gitschier, Pennsylvania Department of Health, met with certain members of the professional staff of the Township on September 11. 1969 to review your Topographic Plan and accompanying letter. The consensus of this group (including Mr. Gitschier) is that the Topographic Plan be returned to you with the request that it be amended and supplemented as hereinafter described before official Township approval can be granted.

- I AREA NO. 1 (Area within 500 feet of Orefield Road)
 - A. The final grades for the embankment shall be revised in order that slopes shall not for the most part exceed seven (7) percent.
 - B. All embankment material shall consist of clean earth fill.
 - C. The natural swale must be shifted eastwardly.
 - D. The filling operation should be conducted nearest Orefield Road initially and the embankment in the southern portion of this area should be placed last.
 - E. All access to Area No. 1 shall be via the existing service road. No driveways along Orefield Road or Lapp Road shall be permitted without the written approval of the Township Manager.
- II AREA NO. 2 (Area between Area No. 1 and the property of Luther Lapp)
 (non-putrescible)
 - A. Permission to place demolition knankkkkkkk fill only in the existing hole will be granted by the Township only in the event that the Pennsylvania Department of Health also grants permission on the basis of a complete engineering and geological study which clearly indicates that the contemplated landfill operation will not result in pollution of the underground water supply. Mr. Novak should request technical assistance from the Pennsylvania Department of Health.
 - B. In the event that Mr. Novak is granted permission to place demolition type fill in the existing hole, final grades for the embankment to be placed west of the subject hole shall be revised in order that slopes shall not for the most part exceed fifteen (15) percent.

All embankment to be placed shall consist of clean earth for the upper six (6) feet; that is, demolition fill may be used for embankment below the six (6) feet cover of earth.

200008

- In the event that Mr. Novak is denied permission to place demolition fill in the existing hole because of an unfavorable engineering and geological study, the final grades for the embankment to be placed west of the subject hole shall not for the most part exceed twenty (20) percent for a vertical distance of twenty feet and a terrace twenty (20) feet wide shall be constructed before the twenty (20) percent slope continues.
- D. No embankment shall be placed upon the property of Luther Lapp unless written permission is obtained and submitted to the Township Manager.
- E. All access to Area No. 2 shall be via the existing service road.

 No driveways along Lapp Road shall be permitted without the

 written approval of the Township Manager.
- III AREA NO. 3 (Area more than 500 Year from Orefield Road west and southwest of Area No. 2)
 - A. This area may be used for trenching type sanitary landfill operations subject to the following conditions:

 putrescible
 - 1. No garbage (or pur type of refuse) shall be buried closer than 100 feet to any property line;
 - 2. Detailed specifications and plans shall be submitted to Mr. Gitschier for approval. These specifications and/or related Topographic Plans must regulate the length width and depth of trenches; the maximum size of each cell; the proposed final contours after placement of the 24 inches of earth; and the sequence of operations.
 - 3. Ordinance No. 87 must be complied with.
 - 4. Planting screens 25 feet wide along all property lines shall be provided, if, in the judgment of the Township, such planting screens are deemed necessary.
 - 5. Excess earth from Area No. 3 shall be used for embankment in Area No. 1 and Area No. 2.
 - 6. No earth shall be removed from the Novak property without written permission from the Township Manager.
 - 7. The Topographic Plan shall show the entire parcel (or parcels) owned by Mr. Novak.
 - 8. The Topographic Plan shall show the location of major wooded areas.

200009

KE DO

X1 14

IV GENERAL REMARKS

- A. The regarding of Area No. 1 and Area No. 2 will affect the drainage of Lapp Road. Mr. Novak may be responsible for any storm water damage to downstream properties. Accordingly, it is recommended that these two areas be contour farmed, or trees planted, in order to help prevent erosion.
- B. The regrading of Area No. 3 should be designed to prevent the flow of storm water onto the Pidstawaki or Lapp properties. The solution to the problem of runoff from Area No. 3 may require the acquisition of an easement across the property contiguous to Novak's southern property line. The contemplated easement would extend to River Road. It is possible that the Township will agree to acquire this easement provided that any conduit or open ditch to be constructed in the easement shall be the responsibility of Mr. Novak.
- slopes but the Township has decided that no high areas shall be cut because of reasons of sanitation. The peculiar conditions of the existing terrain in these areas at or near the top of slope will necessitate some slopes in excess of seven (7) percent in Area No. 1 and in excess of fifteen (15) percent in Area No. 2. For these reasons, in our opinion, the most satisfactory way to show the proposed final grades is to show both existing and final contours on the Topographic Plan. You will find enclosed an annotated print of your Topographic Plan which illustrates the final contours which the Township Engineer will accept in the event that the decision is made to fill the existing hole in Area No. 2.
- D. It is requested that you revise the Topographic Plan for Areas No. I and No. 2 substantially as shown on the enclosed annotated print if it is your intention to fill the existing hole in Area No. 2. The number of cubic yards of "earth" required to obtain these final contours should be computed. You should also estimate whether sufficient excess "earth" will be produced by the trenching type landfill operation proposed to be conducted in Area No. 3. If so, the time required to bring Areas No. 1 and No. 2 to final grade should be estimated.

Very truly yours,



William H. Hansell, Jr. Township Manager

-Encl.

cc: Mr. Gitschier Mr. Pidcock Mr. Louis Novak Atty. R. W. Shaffer

200010

XI PO

Site Evaluation Request Kovak Landfill South Whitehall Two., Lehigh County

Dr. Glade Loughry
Soil Scientist
Division of Community Environmental Services

Donald M. Becker
Solid Waste Coordinator
Region II - West Reading Office

Enclosed is a letter requesting a site evaluation from South Whitehall Township, Lehigh County, of the Louis Kovak Landfill. This is an existing operation; however, the township has set up their own criteria for operation of landfills within their township. I am enclosing a copy of their criteria.

Also enclosed is a copy of the tonographic plan prepared for Mr. Movak.

I would appreciate the return of this plan upon completion of your report.

The site is on the Cementon Quadrangle 6.5 inches west and 1.75 inches north of the southeast corner.

The present operation is tank method; however, the area in question is a pit. Fill would be utilized to fill this pit.

Based on the 1960 census and the Land lisposal Investigation Report of this site, the population served if 30,420 producing between 600 and 700 cu. yards of refuse per day.

To my knowledge, the owner expects natural renovation and to date there has been no evidence of visible leachate.

NOTE: This site has been previously sited as being in North Whitehall Township. This is an error and should be corrected to South Chitchall Township.

DMB:cap

Attachments



200011

602335

Later and the same

Henseld Beaker

September 23, 1969

Hr. Glenn Ellenberger, County Agent Lehigh County Agricultural Extension Service Court House Allenton, Pennsylvania 18101

Dear Mr. Ellenberger:

While I was seaking more information on agricultural use of sewage sludge as requested in your letter of September 5, 1969 we received a copy of your letter to Secretary Bull about the same subject. Considering them together suggests a course for future action. Probably joint investigation by Health and Agriculture Departments is called for and we may need the advice of economists on some aspects of a practical solution.

One sentence in your letter of September 5, 1969, strikes me as the key to the problem. You say that you have discussed the possibility of using the sludge with several orchard operators and a large corn grower without finding any enthusiasm. With the present scarcity of farm labor and the availability of concentrated fertilizers with bulk delivery and contract spreading the sludge is no bargain for the farmer even if he gets it free at the plant.

The sludge is not balanced for most crop needs and would not take the place of contract spreading although it would reduce the quantity of fertilizer needed and alter the formula. So it would not eliminate the present operations required for fertilizer application. However, it would add work and make the timing of the work inflexible because of the need for immediate tillage when sludge is spread. It is evident that cost of disposal should be allocated between the Sewage Department and the farners and an equitable form of contract developed. This would reduce the chance of recurring crises. There should be a clear agreement on how much sludge would go to a field, with when it would be delivered. Mr. Joseph Pomponi, Supervising Sanitarian has kept me informed of the problems that Allentown is having. So at this time it is not necessary to centact Mr. Robert Leverne. I know the problem has

Mr. Glenn Elleaberger September 23, 1969 Page 2

become acute as more termships adopt restrictive regulations or prohibit sludge disposal. It is part of the total problem of solid waste disposal that is affecting Allentown. Adding sludge to the solid wastes at landfills would aggravate the pollution hazard. Hany of the proposed sites around Allentown are in quarries and have to be restricted to non-putrescibles.

In summary, there is no easy answer to this whole problem. We are going to have to work on it. Economic feasibility is more critical than the technology of use.

Sincerely,

F. Glade Loughry, FhD.
Soil Scientist
Division of Community Environmental
Services

FGL/bmb

cc: The Honorable Leland H. Bull

Dr. James Bakin

Regional Medical Director, Region II

Regional Sanitarian, Region II

Regional Sanitary Engineer, Region II

Mr. Donald Becker

Mr. Joseph Pomponi

Mr. Steigman

Mr. Erickson

Mr. Bucciarelli

Dr. Loughry

file

chron.

GRICINAL REDINAL

September 26, 1969

Subject: Solid Waste Disposal, City of Allentown

To: Donald Becker

Solid Waste Coordinator

Region II, West Reading

F. Glade Loughry, Ph D. Soil Scientist

Division of Community Environmental Services

Inru:

Director, Division of Community

Environmental Services

Regional Samitarian, Region II

West Reading

William Bucciarelli referred your memorandum of September 5, 1969 to me for answering. At the same time I was working on correspondence with Glenn Ellenberger about Allentown's sewage sludge problems. I have discussed the specific points with William LaCour and others in this office, and I got some direct background information by a phone call to Joseph Pomponi.

The following comments are numbered to correspond with numbers in the letter from Robert E. Moyer, Jr. to Joseph Pomponi.

- 1. Addition of any putrescibles and organics to incinerator ash or the other wastes mentioned would be aggravating the pollution hazard. Much of the incinerator ash is fairly high in organic matter that has not fully burned and it is high in iron oxides and other wastes. Materials collected in the wet scrubber also return some of the volatilized material principally as acids derived from various oxides.
- 2. Wood and most trash is within the broad class of putrescible materials although the decay process is usually slower than for waste containing garbage. If tree and shrub prunings and weeds are a principal part of the trash decay is very rapid and the products are bad.
- 3. Earth that can be compacted to form a slowly permeable barrier carried to a level twelve feet above the high water mark in a quarry would make it satisfactory for the placement of twelve feet of sanitary landfill with the further limitation that similar earth fill should be placed and compacted against exposed rock walls to a thickness of at least 5 feet. If provision could be made for collection and removal of leachate from the surface of this barrier then much thicker landfill could be supported.

200014

Donald Becker September 26, 1969 Page 2

4. Certainly fill should not be dumped into standing water, because it is too difficult to get proper compaction.

Stack dust has a narrow range of particle size and would be excluded for the same reasons that clay, silt and fly-ash are rejected as cover material. It is too unstable until it has been wetted and allowed to set.

I hope that these comments will help you and Mr. Pomponi in the proposed conference with Robert E. Moyer, Jr.

SUBJECT

Site Suitability, Novak Landfill, South Mhitehall Township, Lehigh County

TO

Donald Backer Solid Waste Coordinator Region II, West Reading Thru: Director, Division of Comfanity Environment
Services

FROM

F. Glade Loughry, PhD. Soil Scientist

Groundwater Geologist, Division of Water Quality High

Division of Community Environmental Services

Regional Sanitarian, Region II, Most Readir

and
Gary Merrit
Groundwater Geologist
Division of Mater Quality

In answer to your memorandum of September 23, 1969 we have considered the request for additional evaluation of the Movak Landfill in South Uniteball Township, Lehigh County. According to the plans maps attached and the letter from Harold W. Campbell to Carl. F. Gitschier only two points are proposed at this time. These points can be evaluated without a special field trip on the basi of existing information and data in the proposal. If additional areas are involved or the existing operation is to be considered it can be handled as part of the evaluation of existing sanitary landfills that is being done to facilitate enforcement of the Solid Waste Management Act.

The site is east of Siegersville. The map location is 1.75 inches north and 8.5 inches west of the southeast corner of the Cenenton 7.5 minute quadrangle of the topographic survey. It is an upland site at elevation of 359 to 470 feet in a hilly part of the Great Valley Section of the Ridge and Valley Province.Part of the site has been in use for a landfill since 1960.

Soils at the site are:

Washington silt loam, 3 - 8 percent slopes; Washington gravelly silt loam coarse variant, 8 - 15 percent slopes; Duffield silt loam, 3 - 8 percent slopes; Made land, limestone material; and quarry area indicated by symbol.

All are well drained and the soil materials have medium terture. All are developed from limestone with varying amounts of impurities and mixture of shales and sandstones.

Bedrock at the proposed site consists of fine to medium grained limestones and dolomites. The bedrock belongs to the Beelmanton Group, Ordericin in mage. The beds are highly fractured with open vertical joints. There is a thrust fault to the east of the site. The thrust fault has moved the Connecocheague Group over the Beekmantown Group.

Groundwater at the site is under water table conditions.

Donald Becker Cotober 6, 1969 Page 2

from topographic highs to topographic lous. Groundwater movement at the site is to the south and discharges to Jordan Creek. Groundwater elevation at the proposed site approximates the 340 foot contour (± 10 feet).

SUBMARY AND RECORDEDATIONS

Soils are rell drained and medium textured. Bedrock at the proposed site consists of fine to medium grained limestones and dolomites of the Beekmantonn Group. Ordovician in age. The area is highly fractured with open vertical joints and a major thrust fault to the east of the site.

Groundwater occurs under water table conditions. Groundwater movement is to the south and discharges to Jordan Creek. Groundwater elevation approximates the 340 foot contour interval (± 10 feet).

Of the two specific proposals in the Costello Engineering Report the first is a plan for developing a satisfactory final slope fround the edge of the existing fill. The slopes are reasonably close to the recommendations in the proposed standards. We certainly should approve this slope if it is accompanied by proper revegeration.

The second proposal is for filling a quarry hole in the southeast corner of the tract. According to the Esptember 15 letter from Milliam Hansell, Jr. Tourship Manager and Secretary, it has been decided to use demolition waste for this. Details are set forth in the draft memorandum addressed to Costello Engineering Company dated September 17, 1969. If the demolition waste is nonputrescible, that is, with very little wood this can be approved as safe. The whole question of the enlargement of the landfill in this limestone area should be considered as part of the evaluation of existing landfills.

FGL: GM: bmb

cc: Regional Medical Director, Region II Regional Sanitarian, Region II Regional Sanitary Engineer, Region II Mr. Erickson Mr. Bucciarelli

Dr. Emrich (2)
Dr. Loughry
Donald Eecker (4)
file

chron.



October 14, 1959

Sowage Sludge .

Mr Bulum Mr. Richard E. Erlekson, Director Division of Community Environmental Services Department of Health

> L. H. Bull Secretary of Agriculture

Your letter of September 23, 1969 indicates that the most sanitary and economic use of sewage sludge from Allentown is to apply it to agricultural land.

Personnel from our Office of Planning and Research ero available to assist in the study of this problem. Many farmers in Pennsylvania should be interested in the product if it is dried to .10 - 15 percent moisture. We believe this is the key to successful pneumatic handling, bulk storage and economical application to fields.

If we can assist Dr. Loughry in developing this concept, please let me know.

cc: Dr. James Eakin Regional Medical Director, Region II Regional Sanitarian, Region II Regional Sanitary Engineer, Region II Mr. Donald Becker

Mr. Joseph Pomponi Mr. Steigman

Mr. Bucciarelli Dr. Loughry

Mr. S.G. Ellenberger

11721,004 111/69

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF HEALTH HOUSING AND ENVIRONMENTAL CONTROL

>	:	- PEHMIT NUMBER 100534
		100337

APPLICATION FOR PERMIT FOR SOLID WASTE DISPOSAL OR FOR PROCESSING FACILITIES

SEE INSTRUCTIONS ON REVERSE,	OCCOSING PACIENTES
1. APPLICANT (Name and Address)	2. AUTHORIZED AGENT (Name and Address)
LOUIS J. NOVAK	
R.D.I, ALLENTOWN	SAME AS I
PENNSYLVANIA TELEPHONE NUMBER 395-4580	•
3. PROPERTY OWNER (Name and Mailing Address)	TELEPHONE NUMBER 4. TYPE OF OPERATION
	SANITARY LANDFILL
SAME AS 1	5. NAME OF SITE
SHIPE AS 1	
	NOVAK SANITARY LANDFILL IN
6. LOCATION OF SITE MEASURED FROM SOUTHEAST CORNER	CITY - BOROUGH - TOWNSHIP
NORTH WEST	SOUTH WHITEHALL TWSP
INCHES FRAC. IN. INCHES FRAC. IN.	COUNTY NUMBER OF ACRES
MAP NUMBER LATITUDE LONGITUDE	LEHIGH 100
062111403745 753345	MAP IDENTIFICATION
	CEMENTON 7.5 1964-
7. SOIL TESTS CONDUCTED BY	B. ENGINEERING PLANS PREPARED BY
Yes	C.A. COSTELLO ENGR. CO. EV.
JNo.	∏ No.
MO DA YR	MO DA YB
DATE N/A	DATE 18-14-16-1
B. SOLID WASTE MANAGEMENT PLAN	10. APPLICANT/AUTHORIZED AGENT (Signature)
Yes	MO DA YR
☑No the second secon	Jan 1, / 2000 1 11-117-70
BONDING COMPANY (Name and Address)	AGENT
	LICENSE NUMBER
	BOND VALUE
EOO DEPARTMENT	OF HEALTH USE ONLY
DATE RECEIVED DATE OF SITE SURVEY	THE REAL PROPERTY OF THE PROPE
MO DA YR , MO DA YR	TOPO MAP COMPLETE INCOMPLETE
	SITE PLAN COMPLETE INCOMPLETE
SUITABLE UNSUITABLE	DESIGN PLAN COMPLETE INCOMPLETE
LIMITATIONS AND RESTRICTIONS	
3	
	000040
• Programme of the state of the	200019
REVIEWING OFFICER (Signature)	TITLE DATE APPROVED
	MO DA YR
[XERO]	XERO XERO

ξ₁**(**

OA-501-A 10-66

COMMONWEALTH OF PENNSYLVANIA

January 19, 1970

SUBJECT:

Novak Landfill South Whitehall Township, Lehigh County

Louis Novak

R. D. #1, Allentown

TO:

Donald Becker

Solid waste Representative

Region II - West Reading Office

FROM:

Joseph in Componi

Supermeing Sanitarian

Betalehem State Health Center

Application issued on January 13, 1970. Cite is approved. Plans to be submitted within six (6) months.

Tentative approval recommended for six (6) months due to deficiencies in lack of standby equipment and operation.

JPP:jf

ORIGINAL PROPERTY

200020

LANDFILL INVENTORY FORM

sinc Novak La	radfill		
Region I South	_ County_ Leh;	Townshi	PSo. Whitehall-
Topographic map (e	menton	<i>.</i>	r 15' Date
1.3 inches	north, <u>8.6</u>	inches wes	t of southeast corner
'Latitude 4/0 ° 38' o	8"	, Longitude 7	5033' 1/2"
Nine permit #	Age 9yrs,	Population ser	ved_14,550 .
Leaching 10		The first of the control of the cont	
Area usable for landfilling	59.	Now fil	led
Distance (feet) and direct			
streem	The second section of the sect		
Type operation area, tres	The state of the s		the state of the s
	en de la companya de La companya de la co		
Recommendations:			
Should permit be issued	Yes Yes	No	
If yes - conditions to	be met; if no - giv	ve reasons:	
Show	ial decouncil	on Payer	31/ - 2
0 f Rriving	t draina:	-2 lease de	Iredam CE
Keep landfill	within the	Slope Imitations	in rulestregs.
also provide plan	the state of the s		·
	· i i i i i i i i i i i i i i i i i i i		41
1*			
	The second secon	· ·	· · · · · · · · · · · · · · · · · · ·
•		vinta.	The second second
•	- 1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (ja.	
		entra a marina de la composición de la La composición de la	2 0002
Prepared by W Sounds -	(Office)		Date / -27-767

Page 1

Name	Anua.					
. Soils and Spoils	4.75 N 4.5 W	S.F. Corn	er hehigi	(County Soil goes up on to sh	ect 4/0)	
Soil series and phase	•	OKEEP	æ. æ. (gees af on the		
above landfill	Washing	ion cital	ely long	Coarse va	wiant.	<u>,</u>
at landfill	m'ade.	Land. (Limesto	.e)		
below landfill	Washingt	on silt	loain		· ·	
borrow area		-				
spoils					· · · · · · · · · · · · · · · · · · ·	
Soil Characteristics	=	Depth to mottling		Percent of coarse fragments		
above landfill	#3 +	pr •		10-30	8-15	_
at landfill			· · · · · · · ·			
below landfill	43'1			5-15	3-8	_
borrow area						
spoils					····	_
Texture of cover mate	rial	12-3	e medic	in - coarse		
Proportion of coarse	fragments in	cover mater:	ial	10-30	7,	
Carbonaceous material					0	
Quantity of cover mate	erial availab	le				
Quality of potential	cover materia	1g	ood .	(fair) po	or	
Adequacy of present c	over:					
Daily yes no	Intermed	iate <u>yes</u>	no Fina	1 yes no		
Flooding hazard	none	occ	asional	frequent	· ·	
Adequacy of vegetative	e cover on co	mpleted are	as good	fair poo	r none_	
Physical location of	area with sui	table slope	for treatme	nt facility		
						,
Soil permeability of	potential tre	atment area	(est.) slo	w moderate	rapid	
Texture of material a	vailable for	dam or dike	· · · · · · · · · · · · · · · · · · ·			•
Flooding hazard of po	tential treat	ment area	none	occasional	frequent	••
Prepared by w. P.	ends (of	fice)	····		Date /-17-70	ノ

g	FOVAK LAN	DFILL I		
ology - type and texture of			Jorda	N CK
_	1000'S. of		<u> </u>	
			. 1	
	DEEKWANDON			
of fairly ABO	UNDANT INTERE	seus of 1st	. & cher	<u> </u>
structure Bods	in Area of sit	e dip gene	evally in	south
direction 70-		· · · · ·	. , , 	• .
weathering Prol	•			
extent of deep mining			מי מי מי מי	.:1_
	,	•		
undwater: elevation	•			
discharge to: stream	Approx. 1000	name/o-	dan CK	?
deep mine workings	distan	ce and direction	of outfall	
		•	•	
	- <u> </u>			
quality				····
quality				
qualityadjacent or downgradient	stream quality	, 4,12		
	stream quality	, <u>4</u> , 12		
adjacent or downgradient	stream quality	, 4,12		
adjacent or downgradient				
adjacent or downgradient	stream quality		pearance	
adjacent or downgradient			pearance	
adjacent or downgradient			pearance	
adjacent or downgradient			pearance	
adjacent or downgradient			pearance	
adjacent or downgradient			pearance	
adjacent or downgradient chate: past evidence present location	volume	ap		
adjacent or downgradient			pearance	
adjacent or downgradient chate: past evidence present location	volume	ap		
adjacent or downgradient chate: past evidence present location	volume	ap		

200023

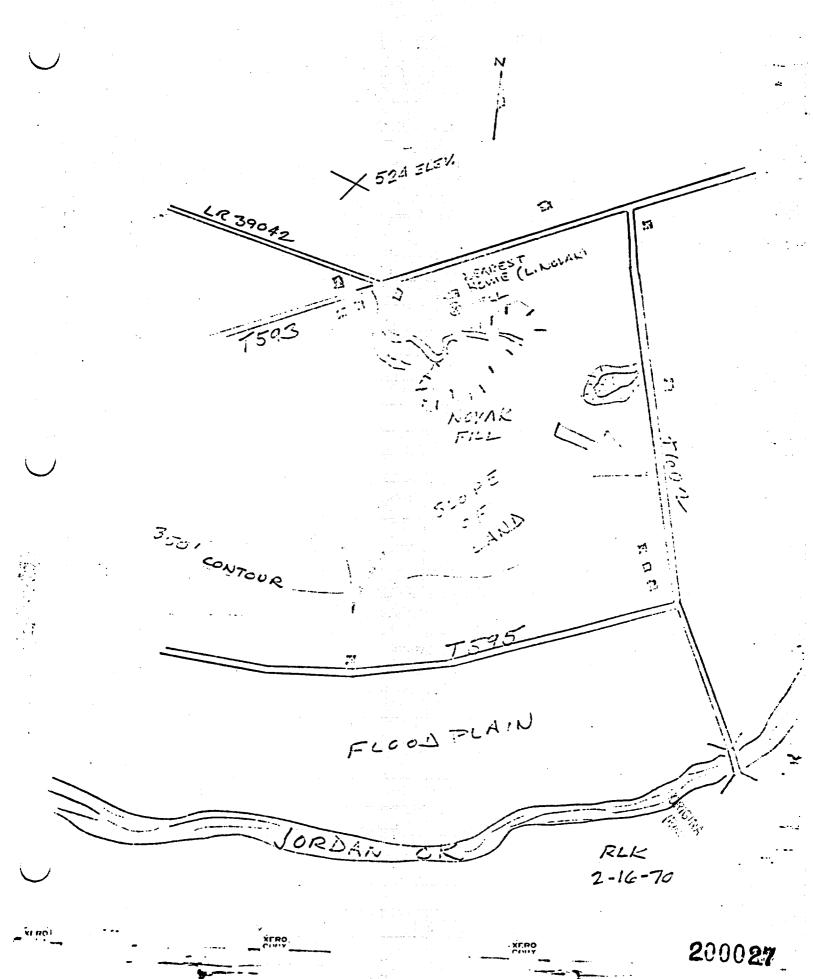
Page

Namo:	NOVAK LANDFILL	en en anner kom en en an enten en maar til men de saan de kom, 'n kompetie, waarde de ande de de saad in de sa De seen en anner kom en en an en	i:
Township:	So. Whitehall	Comov: Lehiet	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Receiving stre	EM: JORDAN CK.	Secondary stroam: Lehich R.	was dib
Coordinates: U	s.s.s. casa. <u>Comenton</u>	. Series: 7.5 Date of Map: 1964	<u> </u>
		Longitude: 75°33' 43"	
	nches: North 1.3		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
On topographic	map, mark location of handfill.		
Freperty owner	: Louis J. Novak	Address: RU#1 Coplay	uarramento
Person into rvi	cued: Leroy Heffelfinger (WORYMAN)	Address: RD#1 Coplay	
Open dury:	retter ombinaretische mann gill verder mit erspannen besond von dergen gelt span von mitten de span span von de	_ 0x 050300x:	
How long has a	its book in two: 10 yRs	+	
		21 final -4't	-final
	d and sounds		
, 2 - In t	nso and unsovered:	NONE (cover daily)	
/3 - Lana	d to be used:	70 acres	
Number of days	per week used: lo days	whitehall & So White	hali
Tups,	Coplay		
Frequency of c	overing: daily		ni (VI Militage
	arges and stream rupitan (1999)	a r skoudi ray pogo (2)	_
Leachate	Man Humber EVIDEN		
Streem			10 .
• • •	etti olullati pilajatan tir san silitaan alka jalah hangaan ata eti eti eti ja giran eti anga.	randi di antistini ti his dunias di sulangalaruminas aspes il salatigi. La tak - i salatigi ti dilatangalan dal	

ource A So Whiteless!	Paper tu	. Volume 3	BOO Cubique
B Whitehall	/	207	10
c Coplay		g tarigin a seri	
D Poetion of Allento		semoldion wrote	300 cuberys
ource and types of liquid u			o abic yds/
. • •	reas of liquid waste dispos		
ource A NONE	Type		·
В		Por Doy	
C		Tribus d'annotament " d'Ellevilles, d'Ellevi	
D	pres amount also quelesticale investor el intratification specialistic	an young dispersed any on young or young and young on young or young on young or young on young or young or young on young or you	
istance to nearest riveen (menta i sta ataka anananana	1000 ' + bea	r.1 Cle
appeared to redund of thom; /		- XVVV	EN IR
bolen:	The same and the contract of t	in the contract of the contrac	
bolem		ofsite 2004	uncontaminate According to L.J
istence to nearest theiling Site will eventually	: 200-300' N.	ofsite 1011: 2001	uncontaminate According to L.J
bolow istence to nearest Ameriking	: _200-300' D. Slope of ground: _5. \(\frac{1}{2}\)	ofsite 1011: 2001	uncontaminate According to L.J.
istence to nearest thereing Site will eventually SE of Site ther hydrogeologic characte	: _200 - 300' P. Slope of ground: _5. \$ Come	ofsite 11: 2001/ S.E. whin duellia	Luconteminate Accombine to L.J. To
istence to rearrest eventually Site will eventually SE of Site	: _200 - 300' P. Slope of ground: _5. \$ Come	ofsite 11: 2001/ S.E. whin duellia	Luconteminate According to L.J. To
istence to nearest eventually Site will eventually SE of Site	: 200-300' P. Slope of ground: 5, \$ come <200' to ricties of area: ORE nE pits but	ofsite 11: 2001/ S.E. whin duellia	Luconteminate Accomplise to L.J. To
istence to nearest decelling Site will eventually SE of site ther hydrogeologic characte	: 200-300' P. Slope of ground: 5, \$ come <200' to ricties of area: ORE nE pits but	SE. within duellia FIELDS TO NORTH	Luconteminate According to L.J. To
istence to nearest describing Site will eventually SE of Site ther hydrogeologic characte Site in Sor TABLE	: _200-300' P. Slope of ground: _5. \$ come <200' +c rictics of area: _ORE nE pits but	of site 131: 2004 S.E. whin duell a FIELDS TO NOR	to TER
istence to nearest deciding Site will eventually SE of site ther hydrogeologic characte Site in Sor TABLE dere pictures taken?	200-300' P. Slope of ground: S. \(\frac{1}{2}\) come <200' +o rictios of area: ORE nE pits but	SE. subtin duellia FIELDS TO NOR	to TER
istence to nearest decelling Site will eventually SE of site ther hydrogeologic characte	: _200-300' N. Slope of ground: _S. \(\frac{1}{2}\) come <200' +c rictics of area: _ORE nE pits but NO NO	of site 11: 200 (S.E. Whin duellia FIELDS TO NORTH	Luconteminate Accombine to L.J. to TER Granding

eestlaak sigme	វ				
Map <u>Rugbar</u>					
	No	LEACHATE	OBSERVE		
	No	SAMPLES	Collected	an 2	-16-70
		The second secon		MATERIAL AND AND AND AND AND THE THE TAXABLE AND TAXAB	
froz	<u> </u>	andpoint	Appears of pos	sible)	pollution
			t EAST		covid
					t were
Not	tes	ted on	dite of	inspe	tion.
	 	erionii eri iirel aquille ii , elequinii erion	ras, amerikang pagsagang da "Pol di Prilipin Bragilion State Is Bladt a Spi	and an agreement of the second se	and the same and t
		mattalali dili tilaka telendidikan dibisar dibisar ada para para para para para para par	rd it mendigedigebilde in der til helder i det ende fille kelnet i De til helde gelde i det ende fille i det e	a teath an air an a Bhailleann air an air an ai	o Virante — Pas — maer » om gan an Tangungggggggg Tangungggggggggggggggggggggggggggggggggg
spected by:	(Par	hard L.	Varlet	refuellitäti (n. 1 dann eli han ustr salas ny namer	rand at the 1 supplementary to the consequent to a distribution by a second
te: 7		- >		134	7

Grand College



H 710,049

COMMONW TH OF PENNSYLVANIA

DEPARTMENT OF HEALTH SANITARY ENGINEERING

	INSPECTION DATE	2-	11-	7.0
-	FROM 33	-7-54. CF. M.	TO/¥	30P. M

Waste inspection repor	N A	AS1	re	IN:	5 P	EC	TIO	N	REP	OR'	T
------------------------	-----	-----	----	-----	-----	----	-----	---	-----	-----	---

CODE LOCATION-STREET OR STATE ROUTE So, WARREN THE COUNTY CASE NAME LANDFILL S.E. of int. TG02 &LR 39042 NOVAK RESPONSIBLE OFFICIAL TITLE PHONE NO. 215 NOVAK LOUIS OWNER 395 4580 MUNICIP TYPE DISCHARGE ACRES UNDER PERMIT NO. OF EMPLOYEES OR ACRES ALREADY MINED POPULATION SERVED 7 OR INDUSTRY INDUSTRIAL ind. Wästes & Sew. $\mathcal{N}\mathcal{A}$ NA NA **PRODUCTS** TYPE CASE N NO. OF UNITS TREATMENT PROCESS REMARKS TOTAL IN OPERATION PERMIT COVERAGE VISIBLE LEACHATE FACILITIES COMPLIANCE OPERATION STATUS LAST VIOLATION VIOLATION HISTORY **OPERATION** COMPLIANCE MINE DRAINAGE OPERATOR NO. QTY. CHOR. SPEC. pН ODOR TEMP. D. O. LOCATION OF DISCHARGE PÈRMIT NO COND. M. G. D. RES. MINE OPERATION ALL PROGRAMS RECEIVING STREAM APPEARANCE WATER & WASTE QUALITY REPORT DATE OF REPORT ABOVE **BELOW** NAME NUMBER LOCATION DIST. APP. DIST. APP. ENFORCEMENT STATUS DATE OF ACTION 73 LAW, REGULATION OR PERMIT COND. NOS. VIOLATION CASE COMPLIANCE REMARKS

PERSON INTERVIEWED

REGIONAL OFFICE

Application for Solid Laste Lisponsl Permit - Novak Landfill, South 'hitchall Township, Lehigh County.

William C. Buccisrelli Chief, Solid Maste Section Bureau of Housing and Environmental Control THEU: Regional Canitarian
Region II - Rest Conding Office

Chief, Invironmental Tavelopment Section

Ponald M. Becker
Solid Waste Coordinator
Region II - Mest Reading Office

Attached in duplicate are the application forms for the above-mentioned solid waste disposal site.

On October 6, 1969, I received a memorandum from F. Glade Loughry, Ph.Ps., Soil Scientist, Mill and Lough Sound with Mr. Loughry's recommendations.

This site is located in a Township that does not want a landfill, and Mr. Lovak can only expand his present operation 25% according to law after which time he must apply for a zoning variance.

I have been informed that the Township will not grant a variance to this individual and is presently considering placing the operation under condemnation. If successful, the Township will cause the operation of this landfill.

Lidi:cap

Attachments



DA-501 12-67

COMMONWEALTH OF PENNSYLVANIA

Juno 30, 1970

Site Investigation of subject: Novak Similary Landfill

South Whitehall Township, Lehigh County

Joseph P. Pomponi
Supervising Sanitarian

Region II - Pethlehem

FROM:

Gary L. Merritt TNM Geologist II

Division of Water Quality

and

William F. Pounds William

Soils Scientist

Division of Community Environmental Services

Thru: Chief, Soils Science Unit 202

Groundwater Geologist, Di

of Water Quality

Director, Division of Community

Environmental Services

At your request a field investigation of the Novak Sanitary Landfill was made on June 16, 1970. The purpose of this investigation was to determine the maximum depth the trenches could be excavated. Persons present for the investigation were Carl F. Gitschier, Sanitarian; William Pounds, Soils Scientist; and Gary L. Merritt, Geologist.

Based on soils and geologic information, tentative approval was given to the Novak Sanitary Landfill operations located 1.8 inches north and 8.6 inches west of the southeast corner of the Comenton 7.5 minute quadrangle (40° 37' 58" N latitude and 75° 33' 45" N longitude).

The present operation is being conducted in an area not approved at this time by the Department's Soils Scientist and Geologist. Since this area has not been approved for landfilling, it will be treated as a new site. In order to obtain a permit for landfilling in this area, the operator must submit the completed solid waste module for Departmental review and approval.

Recommendation.

Since the area now being filled is considered a new site, all landfilling operations must cease immediately. Any refuse already deposited must be removed and redeposited in an approved portion of the old site.

The operator or owner must submit an application for a parmit. The following should be included with the application for parmit:

1. Phase I of the Solid Waste Module

2. Detailed topographic map of site

3. A map showing exact location of trenches

4. Core borings should be made along the center line of the trench (lengthwise). The boring should be to bedrock. Submit location borings and detailed logs of the borings.

5. Submit plans of tranches. Include size, width, depth of tranches and the spacing between tranches.

200030

June 30, 1970

Joseph P. Pomponi

Page 2

The following recommendations should be incorporated into the plans:

- 1. A minimum barrier of 200 feet should be maintained between the refuse and property boundaries.
- 2. The trench depths should be considerably less than 50 feet. (Trench depths are dependent upon soils, bedrock, and ground water in the trench area.)
- 3. No area method landfill is to be permitted in new portion of site.

Plans should be made to stabilize and revegetate slopes on the northeastern part of the landfill and other areas already completed.

If the site should receive a permit, then prior to landfilling a trench, the Sanitarian must inspect the trench to insure no bedrock present, no mottling present or groundwater present. If bedrock, groundwater or mottling is present, then the trenches must be backfilled with soil. The total thickness of the soil is to be equal to the total thickness of refuse to be placed in trench (one foot of soil per foot of refuse).

GLM: NFP: mma

cc: Regional Medical Director, Region II - West Reading Regional Solid Waste Coordinator, Region II - West Reading Regional Sanitary Engineer, Region II - West Reading

Mr. Erickson

Mr. Bucciarelli

Dr. Emrich (2)

Dr. Loughry

Mr. Merritt

Mr. Pounds

Mr. Pomponi (4)

Pages

iostello engimetring cs.

Engineering, Surveying and Cabdivision Planning CO9 Outpool Ct. Allentown, Penna. 18103

Phone 432-8524

		_
PROPOSAL SUBMITTED TO	PHONE	DATE
LOUIS J. NOVAK		100 יוער אוטל
STREET	JOB NAME	
R.D. I	NOVAK SA	NITARY LANDFILL-
CITY, STATE AND ZIP CODE	JOB LOCATION	•
ALLENTOWN, PA.	S. WHITEH	ALL TWSP - LEHICH COUNTY
ARCHITECT DATE OF PLANS		JOB PHONE
and the second s		<u> </u>
We hardy submit enecifications and estimates for		

MONTHLY INSPECTIONS OF YOUR LANDFILL FACILITY, TO INSURE . THAT THE CRAVES APPROVED BY HEALTH DEPARTMENT ARE MAINTAINED THE RESULTS OF THESE MONTHLY INSPECTIONS BE FORWALLIE TOWNSHIP . .

THESE INSPECTIONS いまるこ BEGIN 12 THE MONTH OF AUGUST.

IF FURTHER WORK IS REGUIRED TO REPLACE OR EXPAND THE CONTROL POINTS, THIS WORK SHALL PAID FOR TIME SPENT BASIS . CN

Fraunas hereby to furnish material and labor - complete in accordance with above specifications, for the sum of: dollars (\$ 30.00) Payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized

Note: This proposal may be 30 withdrawn by us if not accepted within_

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature _

C. A. COSTELLO ENGINEERING CO.



LAND DEVELOPMENT AND SURVEYING

MECHANICAL • ELECTRICAL • PLANT CONSULTING

629 N. QUEBEC STREET ALLENTOWN, PA. 18103

Aug. 3, 1970

Mr. Carl F. Gitschier: State Sanitarian State Health Center 520 East Broad Street Bethlehem. Penna.

RE: Submission of Plans, Specifications, and Solid Waste Woodle for Novak Sanitary Landfill

Dear Mr. Gitschier:

Enclosed for your review, are two (2) copies each of Plans, Specifications for Operation and Maintenance, and completed Solid Waste Module for the Novak Sanitary Landfill facility.

If there are any questions concerning this submission, please contact me at this office.

Yours Truly,

Hards is Campbell P.E.

cc Louis J. Novak



11 21 11 kg

MXXXXX P. 7. Box 2351

April 23, 1971

Mr. Louis J. Novak R. D. #1 Allentown, Pennsylvania 18102

Re: Novak Sanitary Landfill, Inc.
South Whitehall Township, Lehigh County

- References: (1) Application for Permit for Solid Waste Disposal (Form H721.004) dated January 17, 1970.
 - (2) Movak Sanitary Landfill Specifications for Operation and Maintenance dated July 23, 1970 including Site Application Module, Phase I.
 - (3) Topographic Plan of Novak Sanitary Landfill, Inc. Drawing C-102, Latest Revision July 16, 1970.
- Enclosures: (1) Rules and Regulations for Administration of the Pennsylvania Solid Waste Management Act, Chapter 4, Article 426.
 - (2) Site Application Module (Form 8712.122) Phase I, II and III.

Gentlemen:

We have reviewed references (1) through (3), the application, operational plans and topographical map of the subject sanitary landfill operation. We have the following comments:

1. Enclosure (A), section 5-B(1) on page 6, requires the professional engineer's seal and signature on the topographical maps and operational plans. Add the seal and signature to the revised application plans before resubmission.

- 2. Enclosure (A), section 5-B(2) on pages 6 and 7, and enclosure (B), the site application module, phase II requires background information. Include this information in your revised plans.
- 3. Enclosure (B), section 5-B(3) on page 7, requires the inclusion of certain information on the topographical map. Proposed traffic patterns (3c), and location of fencing (3d), location existing and proposed utilities (3f), and indication of the use of adjoining land (3g) must be added to reference-(3).
- 4. Since the access road will have two-way traffic to the site and the unloading area, the width must be 22 feet. See enclosure (A), section 6A-1 on page 9. A 12 foot width is not satisfactory unless the traffic patterns required above show one-way traffic patterns.
- 5. An acceptable gate or barrier must be provided to block access to the site. See enclosure (A). section 64-5a(2) on name 0. This must be included in the operating plan and topographical map.
- 6. Enclosure (A), section 6B-1 on page 11, lists the detailed information required on reference (3), the topographic plan. Borrow areas and the fuel transmission pipeline should be shown. Private water supplies, wells, springs, streams within 1 mile of the site must also be shown on reference (3).
- 7. Enclosure (A), section oB-1b on page 12, requires that groundwater quality monitoring wells must be provided in each dominant direction of groundwater flow. The location of the proposed monitoring wells must be submitted for approval by the Department's Groundwater Geologist prior to drilling.
- 8. Some provision must be made for measuring the solid waste that is processed on the disposal site. See enclosure (A), section 61-4a on page 14. Include this information in your revised operation plans.
- 9. a) Reference (2) describes the trenches that will be utilized on this site. It appears that more than one lift will be made during the operation. Please note the requirement for the placement of an intermediate layer of compacted cover material 12 inches thick on lifts over which another cell will be installed within one year. If the time lapse is longer than the year, then a 24 inch cover will be required. See enclosure (A), section 6B-11 on page 15. Include this requirement in your revised operation plan.

- 9. b) Core borings should be made along the center line of the trench (lengthwise). The borings should be to bedrock. Submit locations of the borings and detailed logs of the borings.
- 10. Enclosure (B) Phase I and II should be completed and forwarded to us with the revised operation plan and topographic map. We need to be informed of the available equipment that will be used in the operation of this landfill. This will enable us to determine whether bulky wastes will be handled in a special manner.
- 11. Enclosure (A), section 5A-10 on page 10, requires the provision for adequate sanitary facilities for the employees. Please include this in your revised plan.
- 12. Reference (3), the topographic plan, does not show any provision-formanagement of the surface water, as required by enclosure (A), section \ 5B-19 on page 14. Please clarify.
- 13. Inclosure (A), section 6B-19a (1) on page 17 limits the final surface of the fill area to a maximum of fifteen percent unless some stabilization measures are taken. Please clarify and describe the measures to be taken in this respect.
- 14. Enclosure (A), section 6A-5a (1) on page 9, requires the posting of operation time and other limitations. Include your method of compliance in the revised operational plan.
- 15. Inclosure (A), section 6B-1 on page 11, requires the submission of a written plan of operations. We assume that reference (2) is this operation plan. Please note the informational requirements as outlined on page 11. Your plan as written does not include the area to be filled, schedule of filling, details of the compaction of the solid waste, details of procedure for the application of daily cover material, management of surface water, details of erosion control and revegetation procedure. Revise this plan, reference (2), to comply with the above requirement.
- 16. Enclosure (A), section 6B-8 on page 14, sets a maximum of two feet on the thickness of the solid waste layers for spreading and compaction. Include this requirement in your revised operational plan.
- 17. Suitable provisions must be provided for control of blowing litter, see enclosure (A), section 63-7 on page 14. Low placement of the refuse in the trench is not a suitable provision. Include a description of the measures to be taken in your revised operational plan.

- 18. Final cover layer must be placed within one week after deposit of the last solid waste in the trench, see enclosure (A), section 6B-12a (1) on page 15. Include a statement of compliance with this requirement in your operation plan.
- 19. If dust control measures are required, see enclosure (A), section 6B-17 on page 16, please describe in the revised operational plan. If they are not required, then make this statement in the revised operational plan.
- 20. Operational written records must be provided and include the information listed in enclosure (A), section 6B-21b on page 17.
- 21. Special provisions must be made for sewage solids. liquids and hazardous wastes, see enclosure (A), section 61-14 on page 15 and page 16. If these wastes are not being processed at this site, please include a statement to this circum on the require a detailed description of the wastes and the proposed processing methods including quantity and chemical composition.
- 22. The design plans should indicate suitable provisions to prevent water pollution, see section of-13 and 17 on page 15 of enclosures (A). We agree with your statement in the present specifications, reference (2), which calls for one foot of sub-base for each foot of refuse to be deposited but this is measured from the high seasonal water table, see section 5D-1c on page 13 (paragraph 3). The seasonal high water table must be established for this operation.
- 23. We cannot determine whether the equipment to operate the site is adequate (enclosure A, section 6B-2 on page 13); provisions have been used to handle bulky waste separately (enclosure A, section 6B-15 on page 16); and if acceptable standby equipment is evailable (enclosure A, section 6B-13 on page 15). Completion of phase II of the site application Module, enclosure (B), will give us the information necessary to make this review. Please forward the required information.
- 24. Telephone or radio communications must be readily accessible to the site, see enclosure (A), section 6A-3 on page 9. Please clarify.
- 25. An operational safety program is required, see enclosure (A), section 6A-9 on page 10. Include information covering this requirement in the revised operational plan.

April 23, 1971 Mr. Louis J. Novak Page 4

- 26. In accordance with enclosure (A), section 6A-4a on page 9, measures must be taken to prevent and extinguish fires. All equipment and buildings must be equipped with fire extinguishers. Add compliance to this requirement in your revised operational plan.
- 27. Enclosure (A), section 6A-7 on page 10, prohibits scavenging and outlines limitations on salvaging operations. Add a statement of compliance with these requirements in your revised operational plan.
- 28. Enclosure (A), section 6B-22 on page 17, includes provisions to maintain the site for at least one year after completion of operations.

 Add a statement of compliance to your revised operational plan.
- 29. Enclosure (A), section 6A-8 on page 10, calls for vector control procedures. Either outline your proposed precedures or add a statement indicating the absence of a vector problem to your revised operational plan.
- 30. Complete enclosure (E), phase I and II and submit for permit issuance review with the revised operational plan.

Upon resubmission of your application with clarification and disposition of the above items, we will gain review your application and issue an operating permit if all of the conditions are satisfactory.

Tery truly yours.

William C. Duccierelli, Chief Tolid Maste Section Pivision of Community Environmental Corviose

JB:WCB:mma

cc: Solid Waste Coordinator, Region IIS
Regional Sanitarian, Region IIS
Lehigh County Office
Files

Enclosures

PHONE 432-8824

C. A. COSTELLO ENGINEERING CO.



LAND DEVELOPMENT AND SURVEYING
MECHANICAL • ELECTRICAL • PLANT CONSULTING

629 N. QUEBEC STREET ALLENTOWN, PA. 18103

May 21, 1971

Mr. Carl F. Gitschier
State Sanitarian-Lehigh County
State Health Center
-520 East-Broad Street
Bethlehem. Pa.

HE: Inspection of Hovak Sanitary Landfill

Dear Mr. Gitschier:

On May 3, 1971, an inspection was made of the Novak Sanitary Landfill Operation. The following is a report of this inspection.

- 1. The storm water which had collected in a trench near the present dumping site has been completly pumped out.
- 2. The access road to the present dumping site remains solid and there is no evidence of mud being carried into the street.
- 3. The "compactor" continues to affect good compaction of the refuse.
- 4. Regarding at the edge of the completed areas in the Northeast section has not resumed.
- 5. Some final grading of the completed areas has begun.
- 6. All previously constructed fences remain standing as reported; a new fence running along the present dumping site and at the edge of the access road is being constructed.
- 7. An all-weather access road is being constructed across the completed area to the "demolition area" at the Eastern edge of the landfill operation.
- 8. Good coverage of the dumped refuse is evident.
- 9. Plans are being made to plant shrubbery along the Northern boundary (central portion) of the operation, mainly along the area immediately South of the owners dwelling.

It is of my opinion that the following areas require further attention-

- 1. Portions of the completed area should be intensely worked on, with final grading and planting of vegetation in order to provide a start for this ground cover before the summer weather sets in.
- 2. Fill from the present extensive trenching operation should be transported to the northeastern edge of the completed area to provide the proposed new elevations as planned.
- 3. In order to prepare for future dumping in the trenches, close-grown shubbery or a fence with climbing vegetation should be started along the eastern and southern boundaries; This would prepare for elimination of refuse blowing from the property when the trench-type operation begins.
- 4. Steps should be taken to prevent excessive amounts of storm water from entering trenches during construction and thru filling; this will prevent a recurrence of the problem as happened prior to last winter.

This report describes in my opinion the status of the MOVAK SANITARY LANDFILL COMMATION as of the date of this inspection.

Yours Truly,

Harold W. Campbell P.E.

cc:

Louis Novak
Donald C. McKenna, Manager
South Whitehall Township

E Wenizet -

· ebruary 7, 1/72

Identification No. 100534 Work Sanitary Landfill Inc. South Whitehall Twp., Lehigh County

William C. Ducciarelli Director Division of Solid Waste Management

Emil S. Washko Solid Waste Coordinator West Reading Office

Attached is a completed Solid waste imposal Site Plan for the scows-named facility. This disposal plan has been reviewed, returned and revided to meet the requirements of the rules and regulations as now printed and in response to the letter of April 23, 1771 to Sr. L. Novak from you. It is requested that the plan be reviewed expeditiously with a member solid waste permit issued.

Permanently installed scales should not be required because two-things of the waste disposed of here are commercial, demolition, industrial, agricultural, trees, and parks and street cleanings. Furthermore, life expectancy is currently approximated at the pears, and the title is to be used in the solid waste management plan until other sites are developed.

Chould there be any question regarding the plan-notal, this office perora any response is made to the owner.

Items listed below are in the plent

- 1. USGS Cementon 7.5" topographical quadrangle.
- 2. Large-scale topographic design plan, revised 12/6/71
- 3. Operational plan
- 4. Core boring data sheets 1, 2, 3, 4, 5, 6, 7, and 7A
- 5. Soil survey maps
- 6. Site Application Module, Phase I, pages 1-1 to 1-4
- 7. Site Application Module, Phase II, pages 2-1 to 2-7
- 8. Groundwater Contour maps
- 9. Groundwater Module, Phase I.

ESWicap

ORIGINAL Redjikal

.coruary 9, 1/72

Industrial waste - LLF South hitehall Township Lehigh County Novak Landfill

Emil S. Washko Solid waste Coordinator West Reading Office

Through: Regional Sanitary Engineer

Richard L. Kraybill Regional Geologist West Reading Office

In accordance with your January 31, 1972 memorandum to John P. Durr, Regional Sanitary Engineer of the Mest Reading Office, attached is a copy of a memorandum commenting on the geologic review of Groundwater Module Phase I for the Boyak Landfill, South Mhitehall Township, Lehigh County.

Attachment



Phase I Evaluation

Industrial Waste * SLF South Whitehall Township Lehigh County Novak Landfill

Department Representative: Richard L. Kraybill, Geologist, West Reading PLK

In accordance with a January 31, 1972 memo to John P. Durr, Regional Sanitary Engineer, the writer reviewed the geologic portions of a submittal for the Novak Landfill, South Whitehall Township, Lehigh County. The geologic information has been submitted in the Groundwater Module Phase I.

The Groundwater Module Phase I is complete and the contents are approvable except for the choice of monitoring points. It appears that all monitoring points chosen are existing drilled or hand dug wells. The drilled wells have casing depths from 50-60. The spray irrigation manual stipulates that all casing below 10' must be perforated or slotted. Therefore, at least two monitoring points should be established in accordance with this criteria. Two points are recommended for additional monitoring wells. These are located (1) 110"N. and 8.7"W. and (2) 0.9"N. and 8.2" \dot{m} . of the southeast corner of the Cementon 7.5' Quad. Monitoring point #3 in the submission may be deleted for $\dot{\pi}$ 1 above.

An unpublished report by wood and Fillipo of U.S.G.S., water Resources of Lehigh County" was used to determine direction of groundwater movement under the site. wood and Fillipo constructed a groundwater map of the area. It appears that the groundwater contours are very general. It is interesting to note that general direction of groundwater movement is away from the Jordan Creek, according to wood, and north to a formation of greater solubility. It is difficult to determine from what was submitted just how accurate this is. Certainly pumping of wells in this squifer could affect direction of movement. The writer does not have information which could disprove what was submitted, so until Phase II is submitted the information is approved.

Recommendations

Two (2) additional points for monitoring wells are recommended:

1.) 1.0" N. and 8.7" W. of the S.E. corner of the Cementon 7.5' Quad. 2.) 0.9" N. and 8.2" W.

Monitoring point #3, as described on page 12 of the Bround Water Module Phase I, may be deleted.

RLK:jk 2/9/72

cc: Water Quality-Geology
Bur. of Land Protection & Reclamantion - transmittal memo to E.
Industrial Waste - Operations

200043



C. A. COSTELLO ENGINEERING CO. LAND DEVELOPMENT-BURVEYING WATER & SEWAGE SYSTEMS-SOLID WASTE LANDFILL CONSULTING 629 N. QUEBEC STREET ALLENTOWN, PENNA. 18103

March 14, 1972

Mr. Carl F. Gitschier State Health Center 520 East Broad Street Bethlehem, Penna. RE: Inspection of Novak Sanitary Landfill

Dear Mr. Gitschier:

On March 11, 1972 an inspection was made of the Novak Sanitary Landfill Operation. The following is a report of this inspection.

- 1. Dumping is performed at the working face in the present langfill area.
- 2. The present landfill operation shows evidence of good compaction and covering of the refuse. A D6C caterpillar has been added to the fleet and is used to help compact the refuse.
- 3. The road leading to the present landfill areas has been improved with a new layer of crushed stones and is in good condition. There is no evidence of mud being carried into the street.
- 4. A base has been laid for an all-weather access road leading to the "Demolition Area".
- 5. No regrading is being performed due to the weather. Regrading will be started when weather permits.
- 6. Blowing litter in the present dumping area is being controlled effectively.

This report describes, to my best judgement, the status of the Novak Sanitary Landfill Operation as of the date of this inspection.

Yours truly,

Robert L. Ference

Harold w Campbell Harold W. Campbell

RLF/hec

cc: Manager, South Whitehall Township Louis J. Novak

200044

100534

Rahall Township

Louis J. Hovek

B. D. #1, Allentown, Pennsylvania

Novak Sanitary Landfill Inc.

Lovak Sanitary Landfill Inc.

40° 37' 45" x Latitudo Longitude 75° 33' 45" W.

Environmental Resources

Phase II of the Croundwater Module must be submitted within sixty (60) days of the date of the permit or seven (7) days in advance of the operation of the site, whichever is sooner.

' Two additional monitoring points are required to be provided in sixty (60) days from receipt of this permit:

- 1. One located at 1.0" north and 8.7" west of the southeast orner of the Cementon 7.5' quadrangle.
- 2. One located at 0.9" north and 8.2" west of the southeast corner of the Cementon 7.5' quadrangle.

Ponitoring point #3 as described on page 12 of the groundwater modulo phase I, may be deleted.

The maximum permissable dopth of trenches is 12 feet. Appehing at dopths greater than 12 feet will be considered only if additional detailed borings of the site are submitted to the Department's Soil Scientist 3/24/72 Groundwater Geologist for their review and approval.

Associate Deputy Secretary for Mines and Land Protection

Department of Environmental Resources

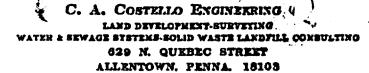
Permit No. 100534

Limitations and Restrictions (continued)

Written Departmental approval must be received prior to the beginning of trenching at a depth greater than 12 feet.

All trenches that are constructed at the site must be inspected by the Department prior to filling with solid waste.







April 18, 1972

10 539

Mr. Carl Gitschier Landfill Specialist State Health Center 520 Bast Broad St. Bethlehem, Penna. 18017 RB: Honitoring points for Novak Sanitary Landfill Inc., South Whitehall Township, Lehigh County, Penna.

Dear Mr. Gitschier:

In regard to the stipulations set by the Department of Environmental Resources in the issuance of a Permit #100534 for a Solid Waste Disposal for the Novak Sanitary Landfill Inc., the following may be noted-

Two (2) additional monitoring points, as required at the proposed locations to replace the delated monitoring well #3, are field staked; it is requested that a field meeting be planned to discuss the locations with respect to property boundaries and feasibility for access.

If there are any questions concerning this matter, please contact me at this office.

Yours truly,

Harold w. Campbell

Harold W. Campbell P.B. C. A. Costello Engineering Co.

HWC/hec co: Louis J. Novak

State Tightens Control Over Landfill Operation To Protect Environment

Louis J. Novak, who operates a sanitary landfill in South Whitehall Township, was one of the first operators in the Lehigh-Northampton counties area to receive a final landfill permit from the state.

For the past 12 years, Novak Sanitary Landfill, Inc., situated east of Orefield, has been run on a provisional permit renewed periodically by the Pennsylvania Department of Environ-mental Resources. Now it is a fully sanctioned operation.

Novak is one of many persons in the state who are being re-

luct of a solid waste deposbusiness under the commonwealth's new Solid Waste Management Law Licenses are issued specifically for "solid waste disposal and — or processing facility."

The public benefit of the new law is tigher control of such facilities and increased protection of potable water supplies. Water monitoring points must be es-tablished and operators are prohibited from digging trenches to a depth greater than 12 feet without special permission from

groundwater geologist. Landfills have been regulated by the state for many years to varying degrees. But the in-creased national concern about protection of the environment has brought additional pressures upon the persons who make a living with the disposal of garbage and refuse.

While open dumps are techni-cally illegal in Pennsylvania health officials have had to be patient with those municipalities that are tardy in phasing out open-faced depositories. The ad-

vantage of the sanitary, landfill is the deterrent it affords 'nst vermin, fire and offen-

But, if regulations are not carried out, the deterrent value is

Novak has a total of 100 acres in a tract that is due east of Parkland High School, north of the Jordan Creek and just off the Meyersville Road. The pit is used by many collectors in the Lehigh County area, including those who haul industrial wastes from Allentown.

One of the dumping areas is restricted to demolition waste and the other is used to bury garbage and refuse. Not accepted by Novak are certain chemicals, dyes, acids and sewage solids (sludge).

Apart from tighter regulation, landfill operators also face higher license fees than in the past.

Novak's engineering plan for the landfill was prepared by the C.A. Costello Engineering Co. of Allentown. Engineer Harold W.

Campbell started the project nine months ago.

The firm had to take the elevations of the tract to determine the final grades that Novak must maintain. It also had to make sure that storm drainage was diverted away from the pits. It supervised core borings that reveal underlying struc-tures and the level of the water

The topographical plan sub-mitted to the state indicated cross-sectional diagrams of the trenches, existing and proposed dumping sites, existing swales, and shrubbery lines for screen-ing. Novak did not receive his license until a state geologist inspected the site.

Operation of the landfill takes two bulldozers, three earthmovers and dump trucks, a payloader, a mobile compactor, and watertank trucks for use against fires.

A sanitary landfill consists of numerous cells, which are eightfoot cubes. Waste material must be covered daily with six inches of soil, and when a cell is filled, it must be covered by 12 inches. A finished grade requires a twofoot topping

002027

Novak's dumping site is a for-mer iron ore pit. If he strikes bedrock or groundwater he must backfill that area with soil and dig elsewhere.

South Whitehall's only major concern was to see that Novak did not violate zoning regu-lations of the area, which is in the north-central part of the municipality.



LOUIS J. NOVAK

Township officials have re-ceived complaints about Novak over the years from residents who simply did not want a land-fill near their properties. But they did not come up with evidence that would have denied Novak a permit.

Campbell says the estimated life of the Novak landfill is at least 10 years. After all possible pits are filled, the tract will be suited primarily to recreation use. Most defunct landfills in Pennsylvania have been used as the sites of parks, including baseball fields.

If buildings are erected on these sites, contractors must drive long pilings into the ground as the base of the foundation. If this is not done, the structure would be extensively damaged from settlement.

State law requires that wells on or near the landfill tract be checked regularly for possible contamination. If a laboratory test proves positive, state sani-tarians must take action to remedy the problem.

Novak must maintain equipment for various kinds of accidents, and he must conduct occasional fire drills. Before he got his permit, he had to pass a first-aid course.

The landfill operator is required to provide adequate access roads so that trucks bringing in waste can back to within 30 feet of the pit face. His road system must be designed so that it does not create hazards to traffic on public roads.

Since there is nothing aesthetically attractive about refuse, the state insists upon a reasonable amount of fencing or foliage screening.

Novak has one of the largest landfill operations in the Lehigh Valley. Having worked on various engineering aspects of the depository over the past six years, he succeeded last year in bringing it up to the level of full license standards.

Costello Engineering staffers, who learned much from preparing Novac's plan, have moved further into the relatively new specialty of designing solid waste facilities. They feel that ecological pressures over the next decade will create a tremendous demand for firms experienced in this work.

If environmental groups win their avowed goals among legislators and consumers, the nation will be recycling much of its steel, paper, glass, aluminum and rubber before Louis Novak fills the last trench on his tract.

Yet it is hard to believe that there will not be refuse on hand for men like Novak to bury.*

Who knows? By 1932, Novak may be in the recycling business

Tientification No. 199634 Novak Landfill Couth Muitchall Township, Behigh County

William C. Bucciarelli, Chief Division of Solid Waste Garagement

Emil S. Washko Solid Waste Coordinator West Reading Office

Attached is a newspaper article concerning Hovak Earliffl from the Allentown Corning Call. Publicity such as this should be certainly more valuement than the usual criticisms. This article is a favorable reflection of our Division's accomplishments as a result of issuing a permit when requirements have been tiliffed. Completing emisting result and walkers will produce similar results.

ESN: aecio

A Real Property in

Attac ment

co: Mr. Gitschier
Mr. McGras
Mr. Masegvage
File



C. A. COSTELLO ENGINEERING CO. LAND DEVELOPMENT-SURVEYING WATER A SUNG OF SYSTEMS ROLID WASTE LANDFILL CONSULTING 629 N. QUEBEC STREET ALLENTOWN, PENNA. 18103



October 20, 1972

Mr. Carl F. Gitschier State Health Center Co East Broad St. Bothlehem, Penna.

Inspection of Novak Sanitary RE: Landfill.

Dear Mr. Gitschier:

On October 14, 1972 an inspection was made of the Novak Sanitary Landfill Operation. The following is a report of this inspection:

- The road leading to the present landfill area is in good condition. There is no evidence of mud being carried into the street.
- Dumping is performed at the working face in the present landfill area.
- The present landfill area shows evidence of good compaction and covering of the refuse.
- 4. There is no sign of olowing litter.
- 5. A new access road is being prepared. The new road will be higher with a better base preparation.
- A new road leading into the "Demolition Area" is in the process of being prepared. A base for this road is now layed.
- 7. The landfill has no objectionable odor present in any area of the lanofill.
- There is no evidence of any pests such as mosquitos, flies and rodents present in the landfill area.
- Dumping at the "Demolition Area" is being performed at the top of the tank as recommended.

- 10. A caterpillar model 816 is on order for use in the landfill and is expected soon.
- 11. The landfill is being prepared for winter use with consideration for ease of access and preventing blowing litter is well or good landfill management.

This report describes, to my best judgement, the status of the wak Sanitary Landfill Operation as of the date of this inspection.

Yours truly.

Robert L. Ference

C. A. Costello Engineering Co.

RLF/hec

co: Louis Novak John D. O'Neill, Manager South Whitehell Township

O. 11. Committed Engineering Co. Land development-surviving Waver & sewage systems-sold waste landful consulting COO N. QUEDEC CTRUET ALLENTOWN, PENNAL 18103

-May 9, 1973

Mr. Carl F. Gitschier State Realth Center 520 East Broad St. Bethlehem, Penna. RE: Inspection of Novak Sanitary Landfill.

ال · لمد

· · · · · · · · · · · ·

Dear Mr. uluschier:

On aprel 26, 1973 an inspection was made of the Novak Sanitary Landfill.

the tellecting is a report of this inspection:

- 1. The decess rose South from L.R. 39042 to the landfill so in good condition. The surface is hard and gree of sections and problem.
 ... as not or debrie is being carried into L.R. 39042.
- 2. There was enabled Stands and immediately appear has been been actionably about the high and characters waste a layer of clay, thus proventing paper and plactic waste arem being blown about by the wind.
- J. Trees and bruth in All coerc côtaeent to the linefill and thee of the seal coercae have somether to the coerc
- A. The "Demolitation Arca" is also in good condition. The waste material, if in large pulse, is brown-up, spread evenly, compacted, and covered nith clay.
- 5. Thuse is no burning or thouselfering material on the lunctill.
- 6. No objectionable saor is evident in any area of the landfill.
- The Masse marserial to use being deposited in the chembers and for a the court size of the landfill. The area received for described functions are partial to also inactive, but in good selection, its no poole of water, or loose waste caterial are to be seen.

200052

002000

- S. The embire area is free of recembe.
- 9. No drainage problem oxists in any area of the law 19811.

All dymoing, spreading, and compacting operations are but goonderted in a case and condentery mannor.

Mr. Novak is to be complimented for his rigid control of the operations, and for his cooperation with our company and the Dull-R.

Went phalf horner

جناوستك سيستضيئ أماأر أب والسراخ

Jacomin Bollimico I.A.

Terrila () Compile de Talle Terrila () Compile de Talle

JS /20

so: Louis Movak
Webs. D. C. Malli. Manager
South Walthiall Township

f H721.009 1-71

COMMONWEALT OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES COMMUNITY ENVIRONMENTAL SERVICES

LAND DISPOSAL INSPECTION REPORT

- <u>/</u>								
Di	isposal Facility	Facility Address						
	Novak Santan band Fill	RE1 4	11/5	do	uen			•
C	ounty	Municipality	1. 4	- 1/	,			
Pr	oprietor's Nafile	Proprietor's Address	12/1	0//				
			Ilen.	/	_			
-	Louis T Nousk	IR # 1 PI	1000	nwa				
				-	٠.		CC	J.,
		Type Record	6				,	1
				-,,				
		Identification Number	110	गडा उ	14		2	2- 7
			МО		A	YR		
	The second secon	Inspection Date	विद			23	8	B-13
		riemspection Date						4-19
				CMPL 1	N-CMPL 2	N/A 3	• .	
		· · · · · · · · · · · · · · · · · · ·						
1	. ALL WEATHER ACCESS ROADS TO THE SITE FOR TWO-WAY T FOR ONE-WAY TRAFFIC NEGOTIABLE BY LOADED COLLECT		DADS		Ш	لـا		20
2	TELEPHONE OR RADIO COMMUNICATIONS ACCESSIBLE TO T	HE SITE.						21
3	. ADEQUATE EQUIPMENT FOR MINIMIZING FIRE HAZARDS AV	AILABLE.						22
4	ALL BUILDINGS AND EQUIPMENT PROVIDED WITH FUNCTION	NAL FIRE EXTINGUISHERS	s.					23
			•					
5	ACCESS LIMITED TO THOSE TIMES WHEN AN ATTENDANT IS	ON DUTY.						24
	A. HOURS OF OPERATION PROMINENTLY POSTED.	page to the						25
	B. SUITABLE BARRIER AND FENCING BLOCKS ACCESS TO TH	IE SITE WHEN AN		Z				26
	ATTENDANT IS NOT ON DUTY.			L	لــا			20
	. APPROVED OPERATIONAL SAFETY PROGRAM FOLLOWED AT	SITE						27
		Objective services		<u> </u>				21
7		OYEES.			Ш			28
· 8								29
	. FOLLOWING OPERATIONAL PLAN ITEMS FOLLOWED AT SITE					2).		
9	. POLLOWING OPERATIONAL PLANTIEMS POLLOWED AT SITE	•				The state of		
	-A. AREA TO BE FILLED	ra Milar de Compositorio	* *			> ₹		30
,	B. SCHEDULE OF FILLING			\mathbf{Z}		•	•	31
				\Box		2	0005	4.
	C. SITE PREPARATION	marian salah s		LØ	- -		120 <u>0</u>	-02
*	D. SOURCE AND TYPES OF COVER MATERIAL						ÇEŞ (€ ° E °)	
	E. SOURCE AND TYPES-OF-SUB-BASE	ang Daudovert				1 1		34
		•			-			

Page :

YES NO

.

 ARE HAZARDOUS WASTES RECEIVED AT THE SITE: (If Yes, List Types on Next Page.)

CORRECTIVE PRIORITY PROGRAM:

D There are several pools of when present on the surface of the completed fillsite. Additional crading afthe completed site will correct the problem.

Additional effort most be given to developing a system of diverting surface run-off-water. This will prevent the development of surface pools

Chelland Control

SANITARIAN (Signature)

Certified 77

H721.009 1-71	Card Code	A	•	•		Page 4 CC
Identification Number 10534	Inspection D	ate 0	6 /	7 73	_PER DAY	1
2-7			4 -1	3 3. 4.	_PER WEEK PER MO. _PER YEAR	
1. TYPES OF SOLID WASTE RECEIVED		YES 1	NO Z	TONS		*
A. AGRICULTURAL WASTE			Z			14-21
B. COMMERCIAL WASTE		Z		040000	P	22-29
C. CONSTRUCTION AND DEMOLITION WASTE				004000	P	30-37
D. DOMESTIC AND HOUSEHOLD WASTE				BINJO	日	38-45
E. INDUSTRIAL WASTE		\mathbf{Z}		0101000	궏	46-53
F. PARK AND BEACH WASTE			Z			54-61
	Card Code	В	* ***	Marie I de General de La Service		1
G. PATIENT CARE INSTITUTION WASTE	•			50,90	4	14-21
H. SEPTIC TANK WASTE			9-			22-29
I. SEWAGE TREATMENT PLANT AND PUMPING STATION W	ASTE		白			30-37
J. STREET AND ALLEY WASTE			4			38.45
K. TREE AND LANDSCAPING WASTE		\square		1/699	2	40-53
L. OTHER			4			54-61
STATE QUANTITIES OF SOLID WASTE RECEIVED PER DA	AY	00	006	250		62-70
	Card Code	C				1
LIST TYPES OF HAZARDOUS WASTE		COL	DE	TONS		44.04
1.			<u></u>			14-24
2.			_ <u>_</u>			25-35
3.						36-46
4:			 			47-57
5.						58-68
	Card Code	D				
6.		Col	DE .	TONS		14-24
7.						÷ 5
8.						36-46
9.						47-57
10.						58-68
				•	200	057

C. A. COSTELLO ENGINEERING CO. LAND DEVELOPMENT-SURVETING WATER & SEWAGE SYSTEMS-SOLID WASTE LANDZILL CONSULTING TSO E WASHINGTON STREET ALLENTOWN, PENNA. 18103

August 2, 1973

Mr. Carl F. Gitschier State Health Center 520 East Broad St. Bethlehem, Penna.

Dear Sir:

On Tuesday, July 24. 1973 I inspected the Novak Sanitary Landfill located in South Whitehall Township, Lehigh County, Penna.

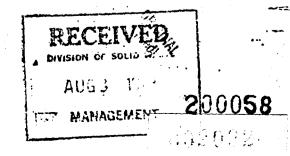
I found that no refuse of any kind had been carried onto L.R. 39042 from the access road.

The access road from L.R. 39042 to the landfill was in good condition, i.e. the surface was hard and dry. Also the roads leading to the "Demolition" area on the east side of the landfill, and those leading to the west side of the landfill were in good condition.

The present active "Demolition" area lies about 600 feet south of L.R. 39042 and in a low area west of the access road. The bottom of this section is approximately 8 feet below the surface of the road. The "Demolition" had been spread over the area and thoroughly compacted. A layer of earth will be deposited over this material before further work is done here.

The east side "Demolition" area was inactive. The material that had been deposited here was covered with a layer of earth. The surface in this section was free of loose material such as paper, and plastic.

The proposed garbage disposal area in the East Center of the tract was inactive, and the surface was clean, i.e. free of loose, light material that could be blown about by the wind.



There was no activity in the southeast section of the project. This area appeared much the same as it did in June 1973. Though a few small deversion ridges had been constructed to keep surface water from entering the deep tranch west of this section.

The trench on the extreme south side of the tract was in good condition. The bottom was dry, and small diversion ridges had been constructed along both north and south tops to prevent water from flowing into it. Very little refuse could be seen on the north slope of the trench, most of it having been covered by earth.

Mr. Novak has located a portable pump near the lowest point in this trench to remove any water that might accumulate here from a sudden heavy storm.

The southwest section, and the entire-West-side of the project area was in good condition, even though these areas were inactive. All refuse had been covered with a layer of clay, and very little loose material could be seen on the surface.

The West Center of the project was most active. Here dry waste was deposited and spread in layers approximately 2 feet thick, then covered with a layer of earth. The East side or "wall" of this area is about 10 feet high and appears to be stable, and thus does not present a hazard to machine operators working nearby. A slight odor could be detected near the center of the section.

The woods and brush around the entire perimeter of the project are clear of light trash such as paper and plastic.

Vermin such as rats, mice, etc. could not be seen anywhere on the "Landfill".

Some of the existing fences, or "trash stops" should be repaired before they fall into such a state of disrepair that will render them useless for the purpose for which they have been erected.

In general, though, the "Landfill" is in excellent condition and is being operated safely.

Yery truly yours,

Joseph Solinko

. A. Costello Engineering Co.

JS/hc

cc: Mr. Louis Novak
Mr. John D. O'Neil'

Mr. John D. O'Neill, Manager South Whitehall Township

Harris w Campbell

--- ATTEST: Harold W. Campbell P.E.

RECEIVED
DIVISION DE SOLID WASTE

• . . .

AUGU 1973

MANAGEMENT

200059

J. A. COSTELLO ENGINEERING CO.



LAND DEVELOPMENT-SURVEYING
WATER & SEWAGE SYSTEMS-SOLID WASTE LANDFILL CONSULTING
730 E. WASHINGTON STREET
ALLENTOWN, PENNA. 18103

September 6, 1973

Mr. Carl F. Gitschier State Health Center 520 East Broad Street Bethlehem, Penna.

Dear Sir:

On Wednesday, August 29, 1973 I inspected the Novak Sanitary Landfill located in South Whitehall Township, Lehigh County, Penna.

I found L.R. #39042 to be in excellent condition, i.e. no debris had been carried from the Landfill and dropped on the roadway.

The main access road south from L.R. #39042 to the center of the site, and the roads leading east and west from it were also in good condition. The surface of all roads was hard, dry, and appeared to be well able to sustain the heavy vehicular traffic.

The Demolition Area, which lies approximately 600 feet south of L.R. #39042 and west of the main access road was not in use, but the material had been spread and compacted, preparatory to the deposition of a layer of clay over it.

The proposed garbage disposal area was in much the same condition as it was one month ago. This area too, was not in use; the surface was clean, that is, there was no light loose material scattered over it.

There was no activity in the East Side Demolition Area. The surface here appeared much the same as it did at my last inspection in July.

Some earth had been removed from the Southeast Side of the project to other areas to provide the necessary cover for the refuse. But nothing more appeared to have been done in this section.

RECEIVED

DIVISION OF SOLID WASTE

SEP 1 & 1973

MANAGEMENT

The two (2) long trenches on the South Side were not used, except to occasionally supply earth for cover in other areas. These trenches were in good condition; the surface of the roads leading into them were hard and dry. The side walls were nearly vertical in one trench, and in the other, the walls although vertical, were stepped to prevent large mudflows, should the earth become supersaturated with water.

There was a small amount of mud and water in the large trench which lies at the extreme south center of the site.—Since there was no activity here, the mud did not appear to present any problems. Also, a portable pump was located near the lowest part of this trench, so that water, if any should accumulate here, could be immediately removed.

The surface to the north of this trench slopes downward to the south at a rate varying between 8% and 10%. This slope was clean - no loose plastic, paper, or other waste was exposed here.

The Southwest, West and Northwest Sections of the Landfill were not in use either, and the surface was in excellent condition - hard, dry, and free of loose material.

The West Center Section was the only active area on the entire project. Here the dry waste was spread, compacted, and covered with a layer of clay. Most important - there was no burning or smouldering refuse here, or anywhere else on the site. The surface of this fill was nearly up to the level of the surrounding land.

The fence which had been erected along the west boundary of the Landfill, and west of the present active area, was also in good condition.

RECEIVED DIVISION OF SOLID WASTE

SEF 1 3 1973

MANAGEMENT

The trees and brush around the entire perimeter of the project were clean.

Vermin were not to be seen anywhere on the project. This is, no doubt, due to the fact that Mr. Novak periodically employs the "Erlich Pest Control Service" to destroy these loathsome animals.

The project, in general was being operated in a safe, orderly, and satisfactory manner.

If you have any questions or comments on this project please call or write this office.

Very truly, yours,

Joseph Solinko R.S.

C. A. Costello Engineering Co.

JS/hc

Mr. Louis Novak cc:

> Mr. John D. O'Neill, Manager South Whitehall Township

Harold w. Camplell

Harold W. Campbell P.E.

DIVISION OF SOLID WASTE SEF 1 8 1973 MANAGEMENT

C. A. COSTELLO ENGINEERING CO. LAND DEVELOPMENT-SURVEYING

LAND DEVELOPMENT-SURVEYING
WATER & SEWAGE SYSTEMS-SOLID WASTE LANDFILL CONSULTING

130-E-Washington Street Allentown, Penna-18108

1674 LIME KILN ROAD

R.B.+1

SLATINGTON, PENNA. 18080

Threx Carefill
Formit No 100 584

October 1, 1973

RECTIVED
DIVISION OF THE STE

- OCT 1 5 1973

MANAGEMENT

State Health Dept. 520 East Broad St. Bethlehem, Penna.

Attention: Mr. Carl Gitschier

Dear Sir:

I inspected the Novak Sanitary Landfill on Friday, September 28, 1973.

L.R. 39042 which forms the Northern Boundary of the tract was clean. No mud, or debris had been dropped on the roadway.

The access road south from L.R. 39042, and the roads leading to the east and west sections of the project were in good condition, i.e. the surface was hard and dry.

The Demolition Area which is located approximately 400 feet south of L.R. 39042 and adjacent to the west shoulder of the main access road was not in use, but the material deposited here had been spread and compacted. A layer of clay will be deposited over this material in the near future.

The shallow depression or, proposed garbage disposal area, in the center of the tract was not in use either, but it appeared that some earth had been removed from the north side of this section to provide cover in other areas. The surface of this section was clean i.e. no light, loose material was scattered over it.

The East Side Demolition Area had scarcely been used. The surface appeared much the same as it did one month ago.

A number of tree stumps had been deposited on the surface near the top of this area. These stumps are to be spread, compacted as much as possible and covered with earth.

The Southeast Side of the project had not been disturbed since may last inspection.

The trenchs on the extreme South Side of the Landfill had not been used either for a supply of earth or as a fill area.

The portable pump was still in position at the lowest point in this trench.

A small amount of mud and water had accumulated in the trench near the pump location, but did not appear to be of sufficient volume to require the use of the pump.

The southwest and western sections of the Landfill were also not in use. An embankment had been constructed along the west top of this section to prevent water from flowing onto the adjacent low lying property. The picket fence or "trash stop", that had been erected on the top of this embankment was also in good condition.

This fence was directly west of the most active area of the Landfill. In this active section dry waste is spread, compacted, and covered with earth. This area had been filled to within 15 ft. of what appeared to be the original surface of the Landfill.

No smouldering or burning waste could be seen on the entire project, and the area was devoid of vermin.

Generally, the Landfill was being operated in a safe and satisfactory manner.

Yours truly

Joseph Solinko R.S.

C. A. Costello Engineering Co.

JS/hc

cc: Louis Novak South Whitehall Township Manager

ATTEST: Charles A. Costello R.S.





COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES COMMUNITY ENVIRONMENTAL SERVICES

LAND DISPOSAL INSPECTION REPORT

_									
Disp	osal Facility	Facility Address							
Novak Disposal Site		R. D. 1, Allento	WI			•			
	ehigh	Municipality South Whitehall Township							
-	rietor's Name	Proprietor's Address				· ·			
L	ouis J. Novak	R. D. 1, Allento	MI						
	. • • •	-				CC			
-	RECEIVED	Type Record 6				1			
	RCC. II W. K.	Identification Number 10	1053	4		2. 7			
	egr 2 9 1973	Inspection Date 10] <u>[</u>	<u>\$</u>	Υ <u>Β</u>	8-13			
	PA. LCPT. OF ERV. RES.	Remspection Date	٦ احـ	<u> </u>		11-19			
	1.10								
			CMPL 1	N-CMPL 2	N/A 3				
				_	-				
1.	ALL WEATHER ACCESS ROADS TO THE SITE FOR TWO-WAY TRAFFIC NEGOTIABLE BY LOADED COLLECTION					\bigcup			
2.	TELEPHONE OR RADIO COMMUNICATIONS ACCESSIBLE TO THE SITE.					21			
3.	ADEQUATE EQUIPMENT FOR MINIMIZING FIRE HAZARDS AVAILABLE.					22			
4.	ALL BUILDINGS AND EQUIPMENT PROVIDED WITH FUNCTIONA	L FIRE EXTINGUISHERS.				23			
5.	ACCESS LIMITED TO THOSE TIMES WHEN AN ATTENDANT IS ON	DUTY.				24			
	A. HOURS OF OPERATION PROMINENTLY POSTED.					25_			
	8. SUITABLE BARRIER AND FENCING BLOCKS ACCESS TO THE ATTENDANT IS NOT ON DUTY.	SITE WHEN AN				26			
6.	APPROVED OPERATIONAL SAFETY PROGRAM FOLLOWED AT SE	TE.				27			
7.	ADEQUATE SANITARY FACILITIES PROVIDED FOR THE EMPLOY	YEES.			78 ₁₀	28			
8.	MAINTENANCE OF DAILY OPERATIONAL RECORDS.				ned Mil	29			
9.	FOLLOWING OPERATIONAL PLAN ITEMS FOLLOWED AT SITE:								
	A. AREA TO BE FILLED					30			
	B. SCHEDULE OF FILLING				•				
	C. SITE PREPARATION				^ ^	32			
	D. SOURCE AND TYPES OF COVER MATERIAL				20	00 65 33			
	E. SOURCE AND TYPES OF SUB-BASE		7			34			

H72	1.009 1-71	CMPL	N-CMPL 2	Pa CC 3	ige 2
هار.	EQUIPMENT PROVIDED FOR OPERATION OF THE SITE ADEQUATE IN SIZE AND PERFORMANCE CAPABILITY.	口		عمدر ہے ھ	3 5
11.	PROVISIONS AVAILABLE TO WEIGH AND/OR MEASURE ALL SOLID WASTE DELIVERED TO THE SITE.				3 6
12.	UNLOADING AREAS CLEARLY INDICATED AND RESTRICTED TO WITHIN THIRTY FEET OF THE WORKING FACE.		Z		37
13.	SIZE OF THE WORKING FACE CONFINED TO AN AREA WHICH CAN EASILY BE COMPACTED AND COVERED DAILY.		7		3 8
14.	BLOWING LITTER CONTROLLED.		2		3 9
15.	SOLID WASTE SPREAD AND COMPACTED IN LAYERS NOT EXCEEDING A DEPTH OF TWO FEET.				40
16.	INDIVIDUAL CELLS EIGHT FEET THICK OR LESS.				41
17.	UNIFORM LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM OF SIX INCHES, PLACED ON ALL EXPOSED SOLID WASTE AT THE END OF EACH WORKING DAY.		2		42
18.	AN INTERMEDIATE LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIFORM DEPTH OF ONE FOOT, PLACED ON COMPLETED LIFTS IN AREAS WHERE THERE IS CLEAR INTENTION TO PLACE ANOTHER LIFT WITHIN ONE YEAR.		7		43
	A FINAL LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIFORM DEPTH OF TWO FEET PLACED OVER THE ENTIRE SURFACE OF EACH PORTION OF THE FINAL LIFT.				44
20.	SUITABLE STANDBY EQUIPMENT AVAILABLE TO THE SITE.	Ţ.			45
21.	DISPOSAL OF SEWAGE SOLIDS, LIQUIDS AND HAZARDOUS WASTE HANDLED WITH THE APPROVAL OF THE DEPARTMENT OF ENVIRONMENTAL RESOURCES.			3	46
". 22.	BULKY WASTES PROPERLY DISPOSED.	\Box			47
23.	REGULATION BAN ON OPEN BURNING ADHERED TO AT THE SITE.				48
24.	DUST CONTROLLED AT SITE.				49
25.	REGULATION BAN ON SCAVENGING ADHERED TO AT THE SITE.				50
26.	SALVAGING AT SITE OCCURS IN ACCORDANCE WITH REGULATIONS.		[2]		51
27.	SURFACE WATER IS SATISFACTORILY MANAGED AT THE SITE.				52
28.	FINAL SLOPES AT LEAST ONE PERCENT BUT NOT GREATER THAN FIFTEEN PERCENT OR AS APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES.			□ ·	53
29.	SATISFACTORY VEGETATIVE GROWTH ESTABLISHED TO PREVENT EROSION OF THE FINAL SOIL COVER (Weather Permitting).				5 4
	REGULATION BAN ON UNTREATED LEACHATE DISCHARGE TO SURFACE ADHERED TO AT	\square			55
31.	SITE. LEACHATE TREATMENT FACILITIES OPERATED SATISFACTORILY AT SITE.				5 6
3 2.	AN EFFECTIVE VECTOR CONTROL PROGRAM UTILIZED AT SITE (Where Needed).			200066	57

H721.009 1-71 Card Code	A		1		Page 4
Identification Number 100534 Inspection	Date 1	0 1	5 73		CC 1
2-7		-1	13	1PER DAY 2PER WEEK 3PER MO. 4PER YEAR	
1. TYPES OF SOLID WASTE RECEIVED	YES 1	NO 2	TONS	4_FEN, VEAR	•
A. AGRICULTURAL WASTE		团			14-21
B. COMMERCIAL WASTE			04000		22-29
C. CONSTRUCTION AND DEMOLITION WASTE			व नेव व व		30-37
D. DOMESTIC AND HOUSEHOLD WASTE			<u> चित्रकेत्</u>		38-45
E. INDUSTRIAL WASTE	\Box		TA FAA	3 3	46-53
F. PARK AND BEACH WASTE		团			54-61
Card Code	В		e e e e e e e e e e e e e e e e e e e	e conse	- 1
G. PATIENT CARE INSTITUTION WASTE			70.00		14-21
H. SEPTIC TANK WASTE					22-29
I. SEWAGE TREATMENT PLANT AND PUMPING STATION WASTE		旦			30-37
J. STREET AND ALLEY WASTE		$\overline{\mathcal{A}}$			3P ^5
K. TREE AND LANDSCAPING WASTE	Ň		प्ने पिडी गर	2	46-53
L. OTHER		7			54-61
STATE QUANTITIES OF SOLID WASTE RECEIVED PER DAY	٦.	062	नक्षे		62-70
Card Code LIST TYPES OF HAZARDOUS WASTE	С				1
1.	co	DE	TONS	ו רו	14-24
2.					25-35
3.					36-46
4:					47-57
5.] 🗆	58-68 <u>-</u>
Card Code	D				1
	co	DE	TONS		
6.					14-24
7.					2
8.					36-46
9.					47-57
10				ZUUC	678-68

P	91	. :	

YES	NO	CC
1	2	
	5 7.	المراجعة ا مراجعة

ARE HAZARDOUS WASTES RECEIVED AT THE SITE? (If Yes, List Types on Next Page.)

CORRECTIVE PRIORITY PROGRAM:

- 1. Blowing litter presented a problem at the time of the evaluation. Additional blowing litter control measures must be implemented as soon as possible.
- 2. General appearance of the disposal site, particularly at the entrance, was poor. Additional work is needed in this area, particularly in the removal of salvaged and abandoned vehicles. If the disposal site is to meet the Solid Waste Management criteria these vehicles and materials must be removed at the end of each operating day.
- 3. Additional dust control is required particularly on the entrance road and unloading area. At the time of the evaluation, severe dust conditions existed.
- 4. Additional compaction and cover material were required on the demolition area at the time of the evaluation. Lack of an adequate program of compaction and covering were in evidence at the time of the evaluation.
- 5. Some lack of intermediate cover was evident in the solid waste portion of the disposal site. It is necessary that additional cover material be placed and spread in these areas to prevent the development of leachate break-out and blowing litter.

3501

a ser establish

CARL F. GITSCHIER

SANITARIAN (Signature)

OPERATOR (Signature)

C. A. COSTELLO ENGINEERING CO. LAND DEVELOPMENT-SURVEYING WATER & SEWAGE SYSTEMS-SOLID WASTE LANDFILL CONSULTING TSO B WASHINGTON STREET

100539

Loves, On the Commence

SURTINGTON, PENNA 18103 1674 LIME KILN READ R. O. A. I SURTINGTON, PENNA 18086

October 31, 1973

State Health Center 520 East Broad Street Bethlehem, Penna.

Attention: Mr. Carl P. Gitschier

Dear Sir:

I inspected the Novak Sanitary Landfill on Monday, October 29, 1973.

As you will recall the 29th was a blustery, rainy day and I felt that an inspection of the project at that time would, perhaps, reveal some details of the work that otherwise might not have been observed in good weather.

I found Legislative Route 39042, which passes north of the property, to be in excellent condition. No trace of mud, or debris could be seen on this road.

The access road from Legislative Route 39042 south to the dumping area, and the roads leading to the East Side Demolition Area, and the West Side Deposition Area were also in good condition, despite the heavy rain, and truck traffic. The road had been previously repaired by the addition of a layer of crushed stone, and a supply of stone was stockpiled near this road, to be used when needed.

A new access road to the East Side Demolition Area was under construction, and will probably be completed in about one month. This new road will enable vehicles to reach the dump site easily and reduce the possibility of their becoming bogged down in a wet clay road.

The East Side Demolition Area had been used infrequently since my last inspection. The refuse that had been deposited here was covered with a layer of clay the surface, of which, was clean, i.e. no light loose material, was scattered over it.

ORIGINAL PROMI

The Southeast part of the project had not been disturbed, and the heavy rain appeared to have little or no effect on the nearly vertical sides of the cut area.

The long, rather deep trench on the extreme south side of the project was in good condition. Here, too, the trench walls were nearly vertical, and although saturated with water, appeared to be stable.

The pump located in the low section of this trench was in operation, to remove the storm water runoff as it accumulated here. No dumping or earthmoving had been done in this trench.

The proposed fill area located north of the trench and approximately in the East Center of the tract had not been used, and the surface of this depression was clean.

The Southwest, West, and Northwest Sections of the Landfill had not been used for several months either as a dump site, or as source of earth for cover.

The West Center section of the project, which had been used as a dump site for the past several months, was the only part of the Landfill in use at the time of my inspection. And it is likely that this area will be filled until the surface cover of the refuse reaches the elevation of the surrounding land which may require several more months work. Here only dry waste was dumped, spread, compacted, and covered with earth.

A sturdy wood fence had been erected south of the access road leading to this dump area to act as a trash stop. Additional fences will be constructed in the near future as dumping progresses from one section to another, to prevent loose material from being blow about by the wind.

Low earth embankments around the southwest, and west sides of the Landfill had been constructed to provide cover for the material deposited in the dumping area. These embankments also function as trash stops, and in addition prevent sediment laden storm water runoff from entering the adjacent property.



The trees and shrubs around the entire perimeter of the project were clean, and vermin were not to be seen on any section of the Landfill.

Thus, it appears, that the project is being operated safely and in compliance with D.E.R. Regulations.

Sincerely yours,

Joseph Solinko R.S.

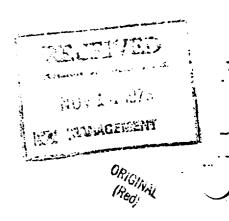
C. A. Costello Engineering Co.

JS/hc

cc: Mr. Louis Novak

South Whitehall Township Manager

ATTEST: Harold W. Campbell P.E.



COMMONWEALTH OF PENNSYLVANIA JULEPARTMENT OF ENVIRONMENTAL RESOURCES COMMUNITY ENVIRONMENTAL SERVICES

LAND DISPOSAL INSPECTION REPORT

									_
Disp	osal Facility		Facility Address	د ور					_
	Novek Disposal Site		RU#11	Alle	1	CALLI	, 		
Cour	LEHIEH		Municipality	16/10	11				
Prop	rietor's Name		Proprietor's Address				 		_
	Louis J. Nousk		KD2	AK	/ 2./	/ m			
								CC	_
				 [6]			-		
	RECEIVED		Type Record	6					1
	DIVISION OF SOLID WASTE		Identification Number	V DV	133	Ā		2-	7
	DEC 6 1973	¥ 	in the second se	мо	<u></u>) <u>A</u>	YR	<	
	MANAGEMENT	in the second se	Inspection Date		2	B)	73	8-1	3
			Reinspection Date	/ 	F	7	777	14-1	S
				Ċ	MPL	N-CMPL	N/A		
					1	2	3		
1.	ALL WEATHER ACCESS ROADS TO THE SITE FOR TWO- FOR ONE-WAY TRAFFIC NEGOTIABLE BY LOADED CO			ADS	口			2	20
\bigcup	TON ONE-WAY THAPPIC NEGOTIABLE BY EGADED CO.	LLLCTIO	VEHICLES.						
2.	TELEPHONE OR RADIO COMMUNICATIONS ACCESSIBL	E TO THE	SITE.					2	21
3.	ADEQUATE EQUIPMENT FOR MINIMIZING FIRE HAZAR	RDS AVAI	LABLE.					. 2	22
4.	ALL BUILDINGS AND EQUIPMENT PROVIDED WITH FUI	NCTIONA	L FIRE EXTINGUISHERS	s.				2	23
(des			:						
. D.	ACCESS LIMITED TO THOSE TIMES WHEN AN ATTENDA	ANT IS ON	DUTY.					4	24
ī.	A. HOURS OF OPERATION PROMINENTLY POSTED.		rioti					2	25
	B. SUITABLE BARRIER AND FENCING BLOCKS ACCESS	S TO THE	SITE WHEN AN					2	26
'	ATTENDANT IS NOT ON DUTY.		ing and although		_	r 1			
6.	APPROVED OPERATIONAL SAFETY PROGRAM FOLLOW	VED AT S	ITE.			. \square		2	27
7.	ADEQUATE SANITARY FACILITIES PROVIDED FOR TH	E EMPLO	YEES.						28
8.	MAINTENANCE OF DAILY OPERATIONAL RECORDS.	•						2	۳ 29
9.	FOLLOWING OPERATIONAL PLAN ITEMS FOLLOWED A	TSITE	orania. Alberta					,	
	- OLLOWING OF EAR HONAL FEAR WEIGHT OLLOWED A								
	A. AREA TO BE FILLED	10 mm		ı				3	30
	B. SCHEDULE OF FILLING			1				, 3	31
	C. SITE PREPARATION					[94.	64-		
	D. SOURCE AND TYPES OF COVER MATERIAL	* - *			77		002	197	<u>.</u> گار
		35 × 11 fb &	yn fin i si		← ⊸	<u></u>	سر -		
	E. SOURCE AND TYPES OF SUB-BASE		•	4			20 0 0'	72 ³	34

H721.009 1-71	Į.		.	
•			YES NO	Page 3 CC
d. ARE HAZARDOUS WAST	ES RECEIVED AT THI	E SITE?		58
CORRECTIVE PRIORITY PR				•
Same inje	man A	40	Again alt.	ank.
need 2 of				and C
		the sample		
			and the second of the second o	a and the second distribution of the second
			•	
				:
·			M.T. 1989	<u>.</u>
- [M			silee	

Н7:	21.009 1-71	Card Code	A		1		Page 4 CC
	Identification Number	Inspection D	ate /			1_PER DAY 2_PER WEEK 3_PER MO.	1
1.	TYPES OF SOLID WASTE RECEIVED		YES	NO 2	TONS	4_PER YEAR	<u>, </u>
	A. AGRICULTURAL WASTE			卫			14-21
	B. COMMERCIAL WASTE				040000		22-29
	C. CONSTRUCTION AND DEMOLITION WASTE	•		. 🔲	004006		30-37
	D. DOMESTIC AND HOUSEHOLD WASTE	-			0 b pd-6 b		38-45
	E. INDUSTRIAL WASTE		\square		or so be		46-53
	F. PARK AND BEACH WASTE						54-61
		Card Code	В				1
	G. PATIENT CARE INSTITUTION WASTE				Dr. Fabo		14-21
	H. SEPTIC TANK WASTE			2			22-29
	I. SEWAGE TREATMENT PLANT AND PUMPING STATION	WASTE					30-37
	J. STREET AND ALLEY WASTE						38-45
	K. TREE AND LANDSCAPING WASTE		\Box		00/200		40-53
	L. OTHER			包			54-61
	STATE QUANTITIES OF SOLID WASTE RECEIVED PER	DAY	0/1	\$ D Z	b		62-70
3 00~	LIST TYPES OF HAZARDOUS WASTE	Card Code	С				1
2. 1.			co	DE	TONS		14-24
2.							25.35
3.		 .					36-46
4,							47-57
5.		<u></u>					58-68 <u>~</u>
		Card Code	D				1
6.			co	DE	TONS		14-24
7.							2
8.							36-46
9.							47-57
10.						200 0'	75 58-68

COMMONWEALTH OF PENNSYLVANIA LEPARTMENT OF ENVIRONMENTAL RESOURCES COMMUNITY ENVIRONMENTAL SERVICES

Disp	osal Facility	Facility Address		
	Vacak Dime	12 Allent	J14	•
Cour	ny - b . b	Municipality	[] []	
Prop	rietor's Name	Proprietor's Address	<u> - /i.//</u>	
1	J Nausk	17, 211	4	
				CC.
				-
	RECEIVED	Type Record 6		. 1
	DIVISION OF SOLID WASTE	Identification Number	a pro-	2. 7
	NOV 28 1973	MC	DA YR	· · · · ·
	MANAGEMENT	Inspection Date		8-13
		néinspection Date		14-19
		Company of the second	CMPL N-CMPL N/A	
			1 , 2 3	
1.	ALL WEATHER ACCESS ROADS TO THE SI' FOR ONE-WAY TRAFFIC NEGOTIABLE BY	ITE FOR TWO-WAY TRAFFIC OR SEPARATE ROADS		20
ر ا	TORONE-WAT TRAFFIC REGULANCE BY	a base of the state of the stat		
2.	TELEPHONE OR RADIO COMMUNICATION	NS ACCESSIBLE TO THE SITE.		21
3.	ADEQUATE EQUIPMENT FOR MINIMIZING			22
4.	ALL BUILDINGS AND EQUIPMENT PROVID	DED WITH FUNCTIONAL FIRE EXTINGUISHERS.		23
5.	ACCECC I IMITED TO THOSE VINES WHEN	AN ATTENDANT IS ON OUT	и п	24
	ACCESS LIMITED TO THOSE TIMES WHEN	AN ATTENDANT IS ON DOTT.		***
	A. HOURS OF OPERATION PROMINENTLY	Y POSTED.	W L	25
	8. SUITABLE BARRIER AND FENCING BLO ATTENDANT IS NOT ON DUTY.	OCKS ACCESS TO THE SITE WHEN AN		26
		The Carrier of the Control		
6.	APPROVED OPERATIONAL SAFETY PROG	RAM FOLLOWED AT SITE.	M L	27
7.	ADEQUATE SANITARY FACILITIES PROVI	IDED FOR THE EMPLOYEES.		28
8.	MAINTENANCE OF DAILY OPERATIONAL		0 0	.
9.	FOLLOWING OPERATIONAL PLAN ITEMS F	FOLLOWED AT SITE: THE HOLD IN THE STATE OF T		. 6
	A AREA TO DE EULED	and the second s		1
	A. AREA TO BE FILLED			30
Ü	B. SCHEDULE OF FILLING	ing out of the second of the s		31
~	C. SITE PREPARATION			32
1)	D. SOURCE AND TYPES OF COVER MATER	RIAL	□ 200076	33
		A Stranger Of the Art of the Control		34
	E. SOURCE AND TYPES OF SUB-BASE		kn m m	34

•	·	,	•		
H72	1.009 1-71	CHE			Page 2 CC
•	•	CMPL 1	N-CMPL 2	N/A 3	
10.	EQUIPMENT PROVIDED FOR OPERATION OF THE SITE ADEQUATE IN SIZE AND PERFORMANCE CAPABILITY.	1		<u>.</u>	35
11.	PROVISIONS AVAILABLE TO WEIGH AND/OR MEASURE ALL SOLID WASTE DELIVERED TO THE SITE.	囚			36
12.	UNLOADING AREAS CLEARLY INDICATED AND RESTRICTED TO WITHIN THIRTY FEET OF THE WORKING FACE.				37
13.	SIZE OF THE WORKING FACE CONFINED TO AN AREA WHICH CAN EASILY BE COMPACTED AND COVERED DAILY.	<u></u>			38
14.	BLOWING LITTER CONTROLLED.				39
15.	SOLID WASTE SPREAD AND COMPACTED IN LAYERS NOT EXCEEDING A DEPTH OF TWO FEET.				40
16.	INDIVIDUAL CELLS EIGHT FEET THICK OR LESS.	-1			41
17.	UNIFORM LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM OF SIX INCHES, PLACED ON ALL EXPOSED SOLID WASTE AT THE END OF SACH WORKING DAY.				42
18.	AN INTERMEDIATE LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIFORM DEPTH OF ONE FOOT, PLACED ON COMPLETED LIFTS IN AREAS WHERE THERE IS CLEAR INTENTION TO PLACE ANOTHER LIFT WITHIN ONE YEAR.				43
19.	A FINAL LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIFORM DEPTH OF TWO FEET PLACED OVER THE ENTIRE SURFACE OF EACH PORTION OF THE FINAL LIFT.	7			
20.	SUITABLE STANDBY EQUIPMENT AVAILABLE TO THE SITE.				45
21.	DISPOSAL OF SEWAGE SOLIDS, LIQUIDS AND HAZARDOUS WASTE HANDLED WITH THE AP- PROVAL OF THE DEPARTMENT OF ENVIRONMENTAL RESOURCES.			3	46
≠; 22.	BULKY WASTES PROPERLY DISPOSED.	\Box			47
23.	REGULATION BAN ON OPEN BURNING ADHERED TO AT THE SITE.				48
24.	DUST CONTROLLED AT SITE.				49
25.	REGULATION BAN ON SCAVENGING ADHERED TO AT THE SITE.				50
26.	SALVAGING AT SITE OCCURS IN ACCORDANCE WITH REGULATIONS.		4		51
27.	SURFACE WATER IS SATISFACTORILY MANAGED AT THE SITE.				52 =
28.	FINAL SLOPES AT LEAST ONE PERCENT BUT NOT GREATER THAN FIFTEEN PERCENT OR AS APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES.				53
29.	SATISFACTORY VEGETATIVE GROWTH ESTABLISHED TO PREVENT EROSION OF THE FINAL SOIL COVER (Weather Permitting).				54
30.	REGULATION BAN ON UNTREATED LEACHATE DISCHARGE TO SURFACE ADHERED TO AT SITE.			OF CHIVE	\ <u></u>
31.	LEACHATE TREATMENT FACILITIES OPERATED SATISFACTORILY AT SITE.			Copy of the Copy o	56
32.	AN EFFECTIVE VECTOR CONTROL PROGRAM UTILIZED AT SITE (Where Needed).	\Box	□ 2	00077	57

H72'	1.009	1-71

YES NO CC

ARE HAZARDOUS WASTES RECEIVED AT THE SITE?
(If Yes, List Types on Next Page.)

-5

CORRECTIVE PRIORITY PROGRAM:

The following thems must be corrected

25,26

GRICINA:

Crry, f. s./ Ma,

H721.009 1-71	Card Code	A	:). (Page 4 CC
. Identification Number	Inspection D	ate [y C		1_PER DAY 2_PER WEEK	1
1. TYPES OF SOLID WASTE RECEIVED		YES 1	NO 2	TONS	3_PER MO. 4_PER YEAR	
A. AGRICULTURAL WASTE						14-21
B. COMMERCIAL WASTE				DIONER		22-29
C. CONSTRUCTION AND DEMOLITION WASTE	•					30-37
D. DOMESTIC AND HOUSEHOLD WASTE	•			विविधारी		38-45
E. INDUSTRIAL WASTE				20242		46-53
F. PARK AND BEACH WASTE				Chestos		54-61
	Card Code	В				. 1
G. PATIENT CARE INSTITUTION WASTE		\square				14-21
H. SEPTIC TANK WASTE			Ž.			22-29
I. SEWAGE TREATMENT PLANT AND PUMPING STATION	WASTE		白			30-37
J. STREET AND ALLEY WASTE						38-45
K. TREE AND LANDSCAPING WASTE		口		401200		46 53
L. OTHER			2			54-61
STATE QUANTITIES OF SOLID WASTE RECEIVED PER	DAY		গ্র	ा		62-70
	Card Code	C				1
LIST TYPES OF HAZARDOUS WASTE 1.		co	DE	TONS	1 🗆	14-24
2.						25-35
3.						36-46
4i						47-57
5.						58-68 <u>-</u> -
	Card Code	D				1
		co	DE	TONS	, [-	1404
6.		. —				14-24 25
7.					, <u>, , , , , , , , , , , , , , , , , , </u>	
8.	<u>-</u>					36-46
9.	<u></u>				IV V Z Z U	47-57
10		111		1 1 1 2	100079	58-68

•

•

C. A. COSTELLO ENGINEERING CO. LAND DEVELOPMENT-SURVEYING WATER & SEWAGE STSTEMS-SOLID WASTE LANDFILL CONSULTING TOO E. WASHINGTON STREET ALLINYTOWN, PENNA: 18108 1674 LIME MAN ROAD R.D. # 1 SCATING-TON, PENNA: 18080



November 28, 1973

State Health Department 520 East Broad Street Belthlehem, Penna.

Attention: Mr. Carl F. Gitschier

Dear Sir:

I inspected the Novak Sanitary Landfill, located in South Whitehall Township, on Tuesday, November 27, 1973.

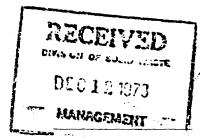
Few changes had been made either in the location of the deposition area or the method of operation since my last inspection in October, 1973.

L.R. 39042 which bounds the project site on the North was clean and had not been damaged by heavy vehicles entering and leaving the landfill.

The main access road to the Landfill, and the roads to the East Side Demolition Area and the West Center Section were in good condition despite the intermittentrains which would have rendered a less stable surface useless under heavy truck traffic.

The Demolition Area located approximately 600 feet south of L.R. 39042 and west of the main access road had been used infrequently during the past month, and so was in much the same condition as it was in October. The waste had been spread, and compacted but not yet covered with a layer of earth.

A fence had been erected along the west edge of the access road and also along the west side of the Demolition Area. The fence south of the road had been repaired, and extended to the east and west to provide a more efficient trash stop.



The East Side Demolition Area had been used but little since my last inspection. The refuse had been spread over the surface, which sloped downward to the east. This material will be covered with earth in the near future.

The Southeast Section had not been used since September, 1973.

The deep twench on the south side of the Landfill apparently; had been used as a source of a small amount of cover material during the past month. But at the time of my inspection the appearance of the trench indicated that it had not been used for at least one week. The nearly vertical walls appeared to be stable, and a portable pump had been used to dewater the trench.

The Southwest, West, and Northwest Sections of the Landfill had not been used during the past month.

The proposed garbage disposal area in the East Center of the project had not been used either, and the surface was dlean and free of light, loose material such as paper and sheet plastic.

The West Center Section of the Landfill had been continuously used as the major deposition area for the past 6 to 10 months. Here dry waste, had been deposited in 18 inch layers, compacted, and then covered with a layer of clay. The surface of the fill sloped slightly to the east, where it ended at the east face of the Section. This face, or "highwall" was about 10 feet high, and stable even though wet, thus presenting no hazard to machine operators.

The trees and brush around the entire perimeter of the Landfill were clean, and no versin were to be seen anywhere.

Also, no burning or smouldering material could be seen on the site.

In general, the project was operated in a safe and satisfactory manner.

Joseph Solinko

Toseph Solinko R.S.

C. A. Costelle Engineering Co.

J3/ho

est Mr. Louis J. Novak

South Whitehall Township Manager

ATTEST: Charles A. Costello R.S.

DECEIVED

ORIGINA

DECEIVED

ORIGINA

THE MANAGEMENT

200081



C. A. COSTELLO ENGINEERING CO.

LAND DEVALOPMENT-SURVEYING

VATER & SEWAGE: SYSTEMS-SOLID WASTE LANDIFILL CONSULTING

TEO-B-WASHINGTON STREET

INTLENTO WN. PENNA: 10108

1674 Lime KILM RCAP

L.O.T. |

SLATINGTON JEHNA. 1808u

January 2, 1974

State Health Department 520 East Broad Street Bethlehem, Penna.

Attention: Mr. Carl Gitschier

Dear Sir:

I inspected the Novak Sanitary Landfill located in South Whitehall Township on Thursday, December 27, 1973.

I found that no mud or rubbish had been carried onto Legislative Route 39042 by vehicles moving in and cut of the Landfill.

The access road from Legislative Route 39042 to the interior of the project was in good condition despite the recent heavy rain and snow. The surface, though wet and a bit muddy in places, appeared to be stable enough to sustain the weight of the heavily loaded vehicles moving over it.

The surfaces of the roads leading to the East Side Demolition Area, and the West Center Deposition Area were also in reasonably good condition.

A supply of crushed stone had been stockpiled near the junction of the main access road and the roads leading to the East and West Sections of the Landfill. This stone will be used to repair the surface of the roads when it becomes necessary.

The Demolition Area located approximately 600 feet south of Legislative Route 39042 and West of the main access road had been used infrequently during the past month. The elevation of the surface of this fill was nearly at the same elevation as the road. The refuse in this section had been spread, compacted, mixed and covered with earth. Thus the surface was free of loose material that could have been blown about by the wind.

RECEIVED
DIVILOR OF SOLID WASTE

MANAGEMENT

A series of concrete slabs had been placed along the west edge of the road to contain the "Demolition" and to help stabilize the road.

The West Center Section of the project, which had been continuously used for the past several months was still the principal deposition area on the site. Here refuse had been dumped, spread, compacted and covered with a layer of earth.

It appears that this Section will be utilized for deposition of dry waste for the next 2 or 3 months. At the expiration of that period it is expected that the elevation of the surface of the fill will be approximately the same as the elevation of the main access road. Then, of course, it will be necessary to begin filling operations in another section of the Landfill.

During the past month there had been little or no dumping or earthmoving in the sections listed below:

The East Side Demolition Area; the Southeast Side; the deep trench near the south boundary of the tract; the Southwest, West and Northwest Sections. Also, the large shallow depression located near the center of the project had not been used either as a source of cover material or as a deposition area.

Some water had accumulated in the deep trench mentioned above, but a portable pump had been set up to dewater this section.

The trees and brush around nearly the entire perimeter of this tract were clean with but one exception, and that was the Southeast Section. Here some paper and sheet plastic had been blown into the woods by the strong northwesterly winds that occurred during the snowstorm of December 21, 1973.

All fences or "trash stops" had been repaired, and in some places extended to provide additional protection to nearby wooded areas.

Vermin were not to be seen on any section of the Landfill, and the entire project was devoid of burning or smouldering material.

From all appearances the Landfill had been operated in a safe and satisfactory manner during the past month.



However, I feel that a work of bastion would be appropriate at this time. The deep trench, previously manifest in this letter, and commented upon in some detail in my detaber, and November 1973 reports, has rather high and nearly vertical "walls" of clay. These clay walls; when saturated with water, could become unstable, and the vibration resulting from earthmoving, or dumping near themseould cause heavy and slides into the trench thus endangering anyone working in, or seek the

I realise that this section had not been used for at laser. 2 menths, and in all problity will het be used for another. 2 menths, but as the West Center Section is menty filled.

Mr. Fevak may decide to use the transh for Attempted tilling operations or as a source of earth cover. If the partibular care must be taken by Machine Operating personall mention in this Section.

I am certain that Mr. Novak is well award of the campose involved in working at or near unstable ground, and furthermore, I believe that he will exercise due caution in all his operations here and also will advise his machine operators of any hazardous conditions on the site.

Very truly yours,

Joseph Solinko R.S.

C. A. Costello Engineering Co.

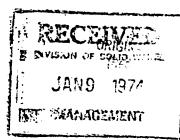
JS/ho

cc: Louis J. Novak

South Whitehall Township Manager

Charles (i Costello

ATTEST: Charles A. Costello R.S.



/ 4721.005 1-71

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES COMMUNITY ENVIRONMENTAL SERVICES

-	osal Facility	Facility-Address	011	,	j		
, ,	lovok Dispos!	KIA	///	£ 17"	4 W	7	·
Cou	nty Ebigh	Municipality (1)	b,	2%	211		
	rietor's Name	Proprietor's Address	~ ,				•
<i>F</i> ₀	WE J. NOVEK	K 2 /4	1/50	1 / 40	ノフ		
	••						СС
	D. W. C. T. T.	Type Record	6				1
	RECEIVED DIVISION ON SOLID WASTE	Identification Number		१हाउ	4		2- 7
	JAN4 1974	Inspection Date	мо 9 /	<u>(</u>	DA 	Ž Ž	8-13
	MANAGEMENT	Reinspection Date	ŔŹ	Ź		ZZ	14-19
				CMPL 1	N-CMPL	. N/A 3	
1.	ALL WEATHER ACCESS ROADS TO THE SITE FOR TWO-WAY TRAFFOR ONE-WAY TRAFFIC NEGOTIABLE BY LOADED COLLECTION		DADS				
2.	TELEPHONE OR RADIO COMMUNICATIONS ACCESSIBLE TO THE	SITE.		\mathbb{Z}			21
3.	ADEQUATE EQUIPMENT FOR MINIMIZING FIRE HAZARDS AVA	LABLE.					22
4.	ALL BUILDINGS AND EQUIPMENT PROVIDED WITH FUNCTIONA	L FIRE EXTINGUISHER	S.				23
5.	ACCESS LIMITED TO THOSE TIMES WHEN AN ATTENDANT IS ON	DUTY.					24
	A. HOURS OF OPERATION PROMINENTLY POSTED.						25
	B. SUITABLE BARRIER AND FENCING BLOCKS ACCESS TO THE ATTENDANT IS NOT ON DUTY.	SITE WHEN AN					26
5 .	APPROVED OPERATIONAL SAFETY PROGRAM FOLLOWED AT S	ITE.					27
7.	ADEQUATE SANITARY FACILITIES PROVIDED FOR THE EMPLO	YEES.					28
8.	MAINTENANCE OF DAILY OPERATIONAL RECORDS.					سست	
9.	FOLLOWING OPERATIONAL PLAN ITEMS FOLLOWED AT SITE:					-	•
	A. AREA TO BE FILLED				\Box_{j}	digina:	30
	B. SCHEDULE OF FILLING					(Red)	· · · · ·
	C. SITE PREPARATION						32
	D. SOURCE AND TYPES OF COVER MATERIAL			Ø		20	0085 ³³
•	E. SOURCE AND TYPES OF SUB BASE			Z			34

· H72	1.009 1-71	CMPL	N-CMPL		Page CC
•		1	2	3	
رلم.	EQUIPMENT PROVIDED FOR OPERATION OF THE SITE ADEQUATE IN SIZE AND PERFORMANCE CAPABILITY.	Z			3!
11.	PROVISIONS AVAILABLE TO WEIGH AND/OR MEASURE ALL SOLID WASTE DELIVERED TO THE SITE.			Ð	36
12.	UNLOADING AREAS CLEARLY INDICATED AND RESTRICTED TO WITHIN THIRTY FEET OF THE WORKING FACE.	Z			37
13.	SIZE OF THE WORKING FACE CONFINED TO AN AREA WHICH CAN EASILY BE COMPACTED AND COVERED DAILY,				3 8
14.	BLOWING LITTER CONTROLLED.	\square			39
15.	SOLID WASTE SPREAD AND COMPACTED IN LAYERS NOT EXCEEDING A DEPTH OF TWO FEET.				40
16.	INDIVIDUAL CELLS EIGHT FEET THICK OR LESS.	\mathbf{Z}			41
17.	UNIFORM LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM OF SIX INCHES, PLACED ON ALL EXPOSED SOLID WASTE AT THE END OF EACH WORKING DAY.	Z			42
18.	AN INTERMEDIATE LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIFORM DEPTH OF ONE FOOT, PLACED ON COMPLETED LIFTS IN AREAS WHERE THERE IS CLEAR INTENTION TO PLACE ANOTHER LIFT WITHIN ONE YEAR.	Ø			43
\bigcup	A FINAL LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIFORM DEPTH OF TWO FEET PLACED OVER THE ENTIRE SURFACE OF EACH PORTION OF THE FINAL LIFT.			I	44
20.	SUITABLE STANDBY EQUIPMENT AVAILABLE TO THE SITE.	Z			45
21.	DISPOSAL OF SEWAGE SOLIDS, LIQUIDS AND HAZARDOUS WASTE HANDLED WITH THE AP- PROVAL OF THE DEPARTMENT OF ENVIRONMENTAL RESOURCES.			<u> </u>	46
22.	BULKY WASTES PROPERLY DISPOSED.		2		47
23.	REGULATION BAN ON OPEN BURNING ADHERED TO AT THE SITE.				48
24,	DUST CONTROLLED AT SITE.	\square			49
25.	REGULATION BAN ON SCAVENGING ADHERED TO AT THE SITE.	Z			50
26.	SALVAGING AT SITE OCCURS IN ACCORDANCE WITH REGULATIONS.			3	51
27.	SURFACE WATER IS SATISFACTORILY MANAGED AT THE SITE.	Z			52 °
28.	FINAL SLOPES AT LEAST ONE PERCENT BUT NOT GREATER THAN FIFTEEN PERCENT OR AS APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES.	\mathbf{Z}		ORIGINA!	53
29.	SATISFACTORY VEGETATIVE GROWTH ESTABLISHED TO PREVENT EROSION OF THE FINAL SOIL COVER (Weather Permitting).	Z		(Tea)	54
	REGULATION BAN ON UNTREATED LEACHATE DISCHARGE TO SURFACE ADHERED TO AT	Z			55
31.	SITE. LEACHATE TREATMENT FACILITIES OPERATED SATISFACTORILY AT SITE.			[3]	56
32.	AN EFFECTIVE VECTOR CONTROL PROGRAM UTILIZED AT SITE (Where Needed).	Z		200086	57

H721	.009	1-71

YES NO

Page 3 CC

33. ARE HAZARDOUS WASTES RECEIVED AT THE SITE?
(If Yes, List Types on Next Page.)

5

CORRECTIVE PRIORITY PROGRAM:

of the site is much improved

SANITARIAN (Signature)

OPERATOR (Signature)

200087

				: 1		
1.009 1-71	Card Code	A	···	(Page 4 CC
Identification Number 100534	Inspection D	ate 💋			PER DAY	1
2-7			8-	13 2 3	PER WEEK PER MO. PER YEAR	
TYPES OF SOLID WASTE RECEIVED		YES	NO 2	TONS		_
A. AGRICULTURAL WASTE		Ø		000100		14-2
B. COMMERCIAL WASTE				6 73 0 00		22-2
C. CONSTRUCTION AND DEMOLITION WASTE		Ø		001200		30-3
D. DOMESTIC AND HOUSEHOLD WASTE				ठाव/दग्व		38-4
E. INDUSTRIAL WASTE			2			46-5
F. PARK AND BEACH WASTE	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					54-6
	Card Code	B				
G. PATIENT CARE INSTITUTION WASTE						14-2
H. SEPTIC TANK WASTE			Z			22-2
I. SEWAGE TREATMENT PLANT AND PUMPING ST	ATION WASTE		乙			30-3
J. STREET AND ALLEY WASTE	esperient in Loren Transperient in Loren		2			38-4
K. TREE AND LANDSCAPING WASTE	an de la companya de Mantana de la companya	\square		000500		46-5
L. OTHER			乙			54-6
STATE QUANTITIES OF SOLID WASTE RECEIVE	D PER DAY	65	257	100		62-7
	Card Code	C	•			
LIST TYPES OF HAZARDOUS WAST	3	CO	DE T	TONS		14.7
						14-2
						25-3 36-4
						47-5
	Section 2015					58-6
	Card Code				Ц	
	Card Code	D			Ines.	
				TONS	Ŭ	14-2
						25-3
						36-4
						47.5
• •					Lbuu	റ മഹ

.

H721.70 1-71

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES COMMUNITY ENVIRONMENTAL SERVICES

Disp	oosal Facility	Facility Address					
	Novak Disposal Sit	RI Alle	nb	win	,		
Соц	her Lehish	Municipality	, 26.	1- 1	5 ×	•	
Pro	prietor's Name	Proprietor's Address	<u> </u>				
	ouis I. Novak	R, Alls	nh	UM	P) 	
	•	·			, -		CC
		Type Record	6				
	RECEIVED	Identification Number	10	053	1		2-
	DIVIDION OF SOLID WASTE	Inspection Date	мо () Z	٦	DA	YR	8-1:
	FEB 1 9 1974			LZ.		74	
	MANAGEMENT	Reinspection Date	22	9		12121	14-1
				CMPL 1	N-CMPL 2	. N/A 3	
1.	ALL WEATHER ACCESS ROADS TO THE SITE FOR TWO-WAY TR	AFFIC OR SEPARATE RO	DADS				્
	FOR ONE-WAY TRAFFIC NEGOTIABLE BY LOADED COLLECTION	N VEHICLES.					$\overline{}$
2.	TELEPHONE OR RADIO COMMUNICATIONS ACCESSIBLE TO TH	E SITE.					2
3.	ADEQUATE EQUIPMENT FOR MINIMIZING FIRE HAZARDS AVA	ILABLE.					2
4.	ALL BUILDINGS AND EQUIPMENT PROVIDED WITH FUNCTION	AL FIRE EXTINGUISHERS	S .				2
5.	ACCESS LIMITED TO THOSE TIMES WHEN AN ATTENDANT IS O	N DUTY.					2
	A. HOURS OF OPERATION PROMINENTLY POSTED.						2
	B. SUITABLE BARRIER AND FENCING BLOCKS ACCESS TO THE ATTENDANT IS NOT ON DUTY.	SITE WHEN AN					2
6.	APPROVED OPERATIONAL SAFETY PROGRAM FOLLOWED AT S	SITE.		\mathbf{Z}			2
7.	ADEQUATE SANITARY FACILITIES PROVIDED FOR THE EMPLO	YEES.					2
8.	MAINTENANCE OF DAILY OPERATIONAL RECORDS.						00, 2
9.	FOLLOWING OPERATIONAL PLAN ITEMS FOLLOWED AT SITE:				-		May May
	A. AREA TO BE FILLED					••	
	B. SCHEDULE OF FILLING					itio,	•
	C. SITE PREPARATION						3
	D. SOURCE AND TYPES OF COVER MATERIAL			Z			3
	E. SOURCE AND TYPES OF SUB-BASE			Z		<u> </u>	00089 ³

3	11791	.009 1-71				.
· ·			CMPL 1	N-CMPL 2		'age 2 C
_	ナ	EQUIPMENT PROVIDED FOR OPERATION OF THE SITE ADEQUATE IN SIZE AND PERFORMANCE CAPABILITY.			مان در	35
1	11.	PROVISIONS AVAILABLE TO WEIGH AND/OR MEASURE ALL SOLID WASTE DELIVERED TO THE SITE.	[\forall]			4 36
1	12.	UNLOADING AREAS CLEARLY INDICATED AND RESTRICTED TO WITHIN THIRTY FEET OF THE WORKING FACE.	[7]			37
1	13,	SIZE OF THE WORKING FACE CONFINED TO AN AREA WHICH CAN EASILY BE COMPACTED AND COVERED DAILY.	Ø			3 8
1	14.	BLOWING LITTER CONTROLLED.				39
1	15.	SOLID WASTE SPREAD AND COMPACTED IN LAYERS NOT EXCEEDING A DEPTH OF TWO FEET.				40
1	16.	INDIVIDUAL CELLS EIGHT FEET THICK OR LESS.				41
1	17.	UNIFORM LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM OF SIX INCHES, PLACED ON ALL EXPOSED SOLID WASTE AT THE END OF EACH WORKING DAY.				42
1	18.	AN INTERMEDIATE LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIFORM DEPTH OF ONE FOOT, PLACED ON COMPLETED LIFTS IN AREAS WHERE THERE IS CLEAR INTENTION TO PLACE ANOTHER LIFT WITHIN ONE YEAR.	\square			43
	ز	A FINAL LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIFORM DEPTH OF TWO FEET PLACED OVER THE ENTIRE SURFACE OF EACH PORTION OF THE FINAL LIFT.			3	44
2	20.	SUITABLE STANDBY EQUIPMENT AVAILABLE TO THE SITE.			,	45
2	21.	DISPOSAL OF SEWAGE SOLIDS, LIQUIDS AND HAZARDOUS WASTE HANDLED WITH THE APPROVAL OF THE DEPARTMENT OF ENVIRONMENTAL RESOURCES.			3	46
2	22.	BULKY WASTES PROPERLY DISPOSED.				47
2	23.	REGULATION BAN ON OPEN BURNING ADHERED TO AT THE SITE.				48
2	24.	DUST CONTROLLED AT SITE.				49
2	25.	REGULATION BAN ON SCAVENGING ADHERED TO AT THE SITE.				50
2	26.	SALVAGING AT SITE OCCURS IN ACCORDANCE WITH REGULATIONS.			3	51
2	27.	SURFACE WATER IS SATISFACTORILY MANAGED AT THE SITE.				52 -
2	28.	FINAL SLOPES AT LEAST ONE PERCENT BUT NOT GREATER THAN FIFTEEN PERCENT OR AS APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES.	(Z)			53
2	29.	SATISFACTORY VEGETATIVE GROWTH ESTABLISHED TO PREVENT EROSION OF THE FINAL SOIL COVER (Weather Permitting).	7			54
(Ĵ	REGULATION BAN ON UNTREATED LEACHATE DISCHARGE TO SURFACE ADHERED TO AT			Ruston	55
3	31.	SITE. LEACHATE TREATMENT FACILITIES OPERATED SATISFACTORILY AT SITE.			(3)	56
3	12.	AN EFFECTIVE VECTOR CONTROL PROGRAM UTILIZED AT SITE (Where Needed).		. 🔲		57
					2000 3 0)

H721	.009	1-71

Page 3

YES NO

CC

33. ARE HAZARDOUS WASTES RECEIVED AT THE SITE? (If Yes, List Types on Next Page.)

SANTTARIAN (Signature)

CORRECTIVE PRIORITY PROGRAM:

then

CEPHIFIE DISE
OPERATOR (Signature)

OPERATOR (Signature)

	•	1. 2					
H721.009 1-71		Card Code	A				Page 4 CC
· Identification Number	१ १ १ १ १ १ १ १ १ १ १ १	Inspection Da	te O			_PER DAY	1
	2-7			8-1	. 2. 3.	_PER WEEK _PER MO	••
1. TYPES OF SOLID WASTE RECEIVED		Section 1	YES 1	NO 2	TONS		*
A. AGRICULTURAL WASTE		Springer		Z			14-21
B. COMMERCIAL WASTE					7000		22-29
C. CONSTRUCTION AND DEMOLIT	ON WASTE				1500		30-37
D. DOMESTIC AND HOUSEHOLD WA	ASTE		力		1000		38-45
E. INDUSTRIAL WASTE				Z			46-53
F. PARK AND BEACH WASTE		production of the second					54-61
•		Card Code	В				1
G. PATIENT CARE INSTITUTION W	ASTE	engan salah Salah Salah	力		700	点	14-21
H. SEPTIC TANK WASTE				[2			22-29
I. SEWAGE TREATMENT PLANT A	ND PUMPING STATIO	N WASTE		Z			. 30-37
J. STREET AND ALLEY WASTE		er og skriver i state er er Gjarania er skriver er					38-45
K. TREE AND LANDSCAPING WAST	TE .		口		709		46-53
L. OTHER		e 13 4 4 1		4			54-61
STATE QUANTITIES OF SOLID W	VASTE RECEIVED PE	R DAY	S)	004	0,00		62-70
व र		Card Code	C				1
LIST TYPES OF HAZ	ARDOUS WASTE		co	DE T	TONS	— ·	14.04
1.							14-24
2.							25-35
3.			الللا				36-46
4.		usaya na s					47-57
6.							58-68
	· ·	Card Code	D				1
6.				DE	TONS		14-24
•							25-35
<u>e.</u>							36-46
9.							47-57
10.						200092	58-68
	· ·				-		

.

.009 1-71

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES COMMUNITY ENVIRONMENTAL SERVICES

<u>_</u>						$\stackrel{\smile}{-}$
Dis	posal Facility	Facility Address				
	Novak Dispusal Arra	KIAlleni	Swn			•
Со	Lehigh	Municipality	12:4	hal	/	
Pro	prietor's Name(Proprietor's Address				•
	Louis Novak In	KI Alle	nh	wn	•	
	. * * -					cc
	RECEIVED	Type Record 6				1
	DIVISION OF SOLID WASTE	Identification Number	ववडा	32		2- 7
	MAR 7 1974	MC		DA 🐣	YR	2.40
	MANAGEMENT	Inspection Date	3] L	03	125	8-13
		Reinspection Date	2 5		25	14-19
			CMPL	N-CMPL	N/A	
			1	2	3	-
1.	ALL WEATHER ACCESS ROADS TO THE SITE FOR TWO- FOR ONE-WAY TRAFFIC NEGOTIABLE BY LOADED COI					70
			[77]			
2.	TELEPHONE OR RADIO COMMUNICATIONS ACCESSIBLE	E TO THE SITE.	Z			21
3.	ADEQUATE EQUIPMENT FOR MINIMIZING FIRE HAZAR	RDS AVAILABLE.				22
4.	ALL BUILDINGS AND EQUIPMENT PROVIDED WITH FUR	NCTIONAL FIRE EXTINGUISHERS.	\Box			23
5.	ACCESS LIMITED TO THOSE TIMES WHEN AN ATTENDA	ANT IS ON DUTY.	\mathbf{Z}			24
	A MOURE OF ORERATION PROMINENTS V POSTED		 T			25
	A. HOURS OF OPERATION PROMINENTLY POSTED.					-
	B. SUITABLE BARRIER AND FENCING BLOCKS ACCESS ATTENDANT IS NOT ON DUTY.	S TO THE SITE WHEN AN	Z	Ш		26
	ASSESSATIONAL SAFETY SPOCEAM FOLLOW	NED AT CITE	\mathbf{Z}			27
5.	APPROVED OPERATIONAL SAFETY PROGRAM FOLLOW	WED AT SITE.				
7.	ADEQUATE SANITARY FACILITIES PROVIDED FOR THE	E EMPLOYEES.				28
8.	MAINTENANCE OF DAILY OPERATIONAL RECORDS.					29
9.	FOLLOWING OPERATIONAL PLAN ITEMS FOLLOWED A	AT SITE:	•.			
	A. AREA TO BE FILLED					30
						• .
	B. SCHEDULE OF FILLING] [
	C. SITE PREPARATION		Ø			32
	D. SOURCE AND TYPES OF COVER MATERIAL		Z		2000	93 ³³
	E. SOURCE AND TYPES OF SUB-BASE					34
			•		-	

	/		1				
1	/. H721	.009_ 1-71					
/	•			CMPL 1	N-CMPL	N/A 3	age C
	lo.	EQUIPMENT PROVIDED FOR OPERATION OF THE SITE ADEQUATE IN SIZE AND PERANCE CAPABILITY.	RFORM-				3
	11.	PROVISIONS AVAILABLE TO WEIGH AND/OR MEASURE ALL SOLID WASTE DELIVER THE SITE.	RED TO	四			3
	12.	UNLOADING AREAS CLEARLY INDICATED AND RESTRICTED TO WITHIN THIRTY F	EET OF	囚			3;
	13.	SIZE OF THE WORKING FACE CONFINED TO AN AREA WHICH CAN EASILY BE COMP AND COVERED DAILY.	ACTED	囚			3 E
	14.	BLOWING LITTER CONTROLLED.					3 9
	15.	SOLID WASTE SPREAD AND COMPACTED IN LAYERS NOT EXCEEDING A DEPTH OF	TWO FEET.	Z			40
	16.	INDIVIDUAL CELLS EIGHT FEET THICK OR LESS.		\Box			41
	17.	UNIFORM LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM OF SIX INCHE ON ALL EXPOSED SOLID WASTE AT THE END OF EACH WORKING DAY,	ES, PLACED	\Box			42
	18,	AN INTERMEDIATE LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIDEPTH OF ONE FOOT, PLACED ON COMPLETED LIFTS IN AREAS WHERE THERE IS CONTENTION TO PLACE ANOTHER LIFT WITHIN ONE YEAR.		\wp			43
		A FINAL LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIFORM DEP TWO FEET PLACED OVER THE ENTIRE SURFACE OF EACH PORTION OF THE FINAL					44
	20.	SUITABLE STANDBY EQUIPMENT AVAILABLE TO THE SITE.					45
	21.	DISPOSAL OF SEWAGE SOLIDS, LIQUIDS AND HAZARDOUS WASTE HANDLED WITH PROVAL OF THE DEPARTMENT OF ENVIRONMENTAL RESOURCES.	THE AP-			3	46
<i>د</i> و.	22.	BULKY WASTES PROPERLY DISPOSED.		Z			47
·	23.	REGULATION BAN ON OPEN BURNING ADHERED TO AT THE SITE.					48
	24.	DUST CONTROLLED AT SITE.		\square			49
	25.	REGULATION BAN ON SCAVENGING ADHERED TO AT THE SITE.					50
	26.	SALVAGING AT SITE OCCURS IN ACCORDANCE WITH REGULATIONS.	•			3	51
	27.	SURFACE WATER IS SATISFACTORILY MANAGED AT THE SITE.		Z			52 ²
	28.	FINAL SLOPES AT LEAST ONE PERCENT BUT NOT GREATER THAN FIFTEEN PERCEAPPROVED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES.	NT OR AS	[Z]			53
	29.	SATISFACTORY VEGETATIVE GROWTH ESTABLISHED TO PREVENT EROSION OF TI SOIL COVER (Weather Permitting).	HE FINAL				54 ~.
(ريب	REGULATION BAN ON UNTREATED LEACHATE DISCHARGE TO SURFACE ADHERED SITE.	O TO AT	Image: Control of the			55
	31.	LEACHATE TREATMENT FACILITIES OPERATED SATISFACTORILY AT SITE.				J	56
	32.	AN EFFECTIVE VECTOR CONTROL PROGRAM UTILIZED AT SITE (Where Needed).		Ø		200094	57
æ						 -	

H721	.009	1-71
11/41	.003	1-/1

YES NO

Page 3 CC

3. ARE HAZARDOUS WASTES RECEIVED AT THE SITE?
(If Yes, List Types on Next Page.)

51

CORRECTIVE PRIORITY PROGRAM:

SANITARIAN (Signature)

OPERATOR (Signature)

H721	1.009 1-71	Card Code	A	-	.1		Page 4
, •	Identification Number 0055F	Inspection D	ate 0	I e	· •	_PER DAY	1
	2-7	gartine and transfer the particular of the control		8 -1		PER WEEK BPER MO BPER YEAR	
1.	TYPES OF SOLID WASTE RECEIVED		YES	NO 2	TONS		. 2 *
	A. AGRICULTURAL WASTE						14-21
	B. COMMERCIAL WASTE				Oldol Aolo		22-29
	C. CONSTRUCTION AND DEMOLITION WASTE		Z		SPOZOO		30-37
	D. DOMESTIC AND HOUSEHOLD WASTE				olon 2019		38-45
	E. INDUSTRIAL WASTE				0010010		46-53
	F. PARK AND BEACH WASTE			卫			54-61
	·	Card Code	В				1
	G. PATIENT CARE INSTITUTION WASTE	in the second of the second		2			14-21
	H. SEPTIC TANK WASTE			Z			22-29
	I. SEWAGE TREATMENT PLANT AND PUMPING ST	ATION WASTE		Z			30-37
;	J. STREET AND ALLEY WASTE	ing the second of the second o			व । १ । १ ।		38-45
	K. TREE AND LANDSCAPING WASTE		Z		000100		46-53
	L. OTHER	n e de d		四			54-61
	STATE QUANTITIES OF SOLID WASTE RECEIVE	ED PER DAY	00	003	700		62-70
	LIST TYPES OF HAZARDOUS WAST	Card Code	С				1
1.			Co	DE	TONS		14-24
2.							25-35
3.							36-46
4;							47-57
5.		i i ka na sepanja i a la <u>Sena a juda k</u> a kasan					58-68
		Card Code					
		The state of the s	co	DE	TONS		
6.		<u> </u>					14-24
	,						25-35
8.			Ш				36-46
9.			Щ				47-57
10.						2000	68-88 6

A. Contract Engineering Co.

LAND DEFINOPMENT-SURVEYING
TAKEN & NEWAGE SISTEMS-SOLIC WARE LANDFILL CONSULTING

THE WISHINGTON BIRRET 942/1/AIR OCCUPATE OF

ALLENTOWN, PENNA. 18105-

March 27, 1974

RECEIVED

OFFICE OF SOLID

APR 1 0 1974

MANAGEMENT

State Health Department 520 East Broad Street Bethlehem, Penna.

Attention: Mr. Carl Gitschier

Dear Sir:

On Monday, March 25, 1974 I inspected the Novak Sanitary Landfill located in North Whitehall Township, Lehigh County.

I found that no mud or refuse had been carried onto Legislative Rouse 39002 from the Landfill.

The main access read was in good condition, and the reads leading to the East and West eides of the project were also passable.

The West Center section of the project site is still the principal deposition area. Here the refuse is dumped, apread, compacted and covered with a layer of clay. This area will be used until the surface of the fill is at the same elevation as the main access road. Then filling will begin in the East Center Section.

The surface of this shallow depression, or future disposal area, was in good condition, i.e., no loose material was exposed where it could be blown about by the wind.

Grade stakes had been set around the perimeter of the proposed disposal area to guide the machine operators as they spread and compact the refuse.

A road is presently under construction along the South side of this section and when completed will provide access to this area.

The East Side Demolition Area had been seldom used since later December 1973. An earth embankment had been constructed on the Southwest top of this section to prevent storm water from flowing downslope onto the adjacent property.

A small motion at the Southeast corner of the property is prevently being used as a source of cover material for the principal disposal area.

The wooded area on this portion of the Landfill is cluttered with much loose paper and sheet plastic which will be removed when the weather becomes milder, and the winds subside.

And, a small amount of paper and plastic could be seen in the trees on the Scuth side of the project site. This material will be removed in the near future.

The long deep trench had not been used for several months either as a source of fill or a deposition area. The trench has approximately 15 to 2 ft. of water in the lowest section, and will be dewatered in the near future. (A pump is on standby for just such purposes).

The trench is the only part of the Landfill containing a potentially dangerous condition, that is, the high, nearly vertical "walls" and wet bottom. But deposition or the removal of earth for cover will not be done in this area until a more favorable se/son and, after the trench is dewatered.

The Southwest and Northwest Sections of the Landfill had not been used either since my last inspection. The surface here was clear of light loose material.

All fences, or "trash stops" were in fair condition, and for the most part, appear to have contained most of the light waste within the "active" area.

No vermin or burning or smouldering material were observed on any portion of the tract.

In general, all operations, appear to have been conducted in a safe and satisfactory manner.

Very truly yours,

Joseph Solinko R.S.

C. A. Costello Engineering Co.

JS/hc

cc: Louis J. Novak

South Whitehall Township Manager

Chalis a Costello

ATTEST: Charles A. Costello R.S.



H721.009 1-71

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES COMMUNITY ENVIRONMENTAL SERVICES

Disposal Fac		Facility Address				
Nou	2k Disposal Site	R. Allson	bwn			
County	chich	Municipality South	1) 4: 4	4.	//	
Proprietor's	•	Proprietor's Address				
<u>L.S.M</u>	loveK	K, AI	Enhan		· · · · · · · · · · · · · · · · · · ·	
	.•					CC
	RECEIVED	Type Record	6			1
	DIVISION OF SOLID WASTE	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		छा		2.7
	APR 2 9 1974	Identification Number	160123	/		2- 7
	MANAGEMENT	Inspection Date		ro	Ž	8-13
		-		9	99	14-19
		,				
			CMPL 1	N-CMPL 2	N/A 3	
1. ALLW	EATHER ACCESS ROADS TO THE SITE FOR TWO-W	AY TRAFFIC OR SEPARATE ROA	os 🚺			· ~n
FOR O	NE-WAY TRAFFIC NEGOTIABLE BY LOADED COLL	ECTION VEHICLES.				$\overline{}$
2. TELEP	HONE OR RADIO COMMUNICATIONS ACCESSIBLE	TO THE SITE.				21
3. ADEQU	JATE EQUIPMENT FOR MINIMIZING FIRE HAZARD	S AVAILABLE.				22
4. ALL 81	JILDINGS AND EQUIPMENT PROVIDED WITH FUNC	CTIONAL FIRE EXTINGUISHERS.				23
5. ACCES	S LIMITED TO THOSE TIMES WHEN AN ATTENDAN	T IS ON DUTY.				24
A. HOI	URS OF OPERATION PROMINENTLY POSTED.					25
	TABLE BARRIER AND FENCING BLOCKS ACCESS T TENDANT IS NOT ON DUTY.	O THE SITE WHEN AN				26
6. APPRO	VED OPERATIONAL SAFETY PROGRAM FOLLOWE	D AT SITE.				27
7. ADEQU	JATE SANITARY FACILITIES PROVIDED FOR THE	EMPLOYEES.				28
8. MAINT	ENANCE OF DAILY OPERATIONAL RECORDS.					·29
9. FOLLO	WING OPERATIONAL PLAN ITEMS FOLLOWED AT	SITE:				
A. ARE	EA TO BE FILLED					30
8. SCH	EDULE OF FILLING					٠.
C. SITI	E PREPARATION			, -		32
D. SOL	URCE AND TYPES OF COVER MATERIAL			لــا		33
E. SOL	IRCE AND TYPES-OF SUB-BASE				200099	34

} * H721.009 1-71 Page CC **CMPL** N-CMPL N/A 2 3 1 $\mathbf{7}$ EQUIPMENT PROVIDED FOR OPERATION OF THE SITE ADEQUATE IN SIZE AND PERFORM-_ 3 ANCE CAPABILITY. 3 PROVISIONS AVAILABLE TO WEIGH AND/OR MEASURE ALL SOLID WASTE DELIVERED TO 11. THE SITE. 37 12. UNLOADING AREAS CLEARLY INDICATED AND RESTRICTED TO WITHIN THIRTY FEET OF THE WORKING FACE. SIZE OF THE WORKING FACE CONFINED TO AN AREA WHICH CAN EASILY BE COMPACTED 囚 38 AND COVERED DAILY. IIBLOWING LITTER CONTROLLED. 39 14. \square 15. SOLID WASTE SPREAD AND COMPACTED IN LAYERS NOT EXCEEDING A DEPTH OF TWO FEET. 40 INDIVIDUAL CELLS EIGHT FEET THICK OR LESS. 16. 41 UNIFORM LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM OF SIX INCHES, PLACED 42 17. ON ALL EXPOSED SOLID WASTE AT THE END OF EACH WORKING DAY. AN INTERMEDIATE LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIFORM 43 DEPTH OF ONE FOOT, PLACED ON COMPLETED LIFTS IN AREAS WHERE THERE IS CLEAR INTENTION TO PLACE ANOTHER LIFT WITHIN ONE YEAR. [3] 44 A FINAL LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIFORM DEPTH OF TWO FEET PLACED OVER THE ENTIRE SURFACE OF EACH PORTION OF THE FINAL LIFT. \mathbf{Z} 45 20. SUITABLE STANDBY EQUIPMENT AVAILABLE TO THE SITE. 3 46 DISPOSAL OF SEWAGE SOLIDS, LIQUIDS AND HAZARDOUS WASTE HANDLED WITH THE AP-21. PROVAL OF THE DEPARTMENT OF ENVIRONMENTAL RESOURCES. 47 22. BULKY WASTES PROPERLY DISPOSED. 48 REGULATION BAN ON OPEN BURNING ADHERED TO AT THE SITE. 23. 24. DUST CONTROLLED AT SITE. 49 REGULATION BAN ON SCAVENGING ADHERED TO AT THE SITE. 50 25. 3 26. SALVAGING AT SITE OCCURS IN ACCORDANCE WITH REGULATIONS. SURFACE WATER IS SATISFACTORILY MANAGED AT THE SITE. 52⁼ 27. 28. FINAL SLOPES AT LEAST ONE PERCENT BUT NOT GREATER THAN FIFTEEN PERCENT OR AS 53 APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES. SATISFACTORY VEGETATIVE GROWTH ESTABLISHED TO PREVENT EROSION OF THE FINAL 54 SOIL COVER (Weather Permitting). 55 REGULATION BAN ON UNTREATED LEACHATE DISCHARGE TO SURFACE ADHERED TO AT SITE. 31. LEACHATE TREATMENT FACILITIES OPERATED SATISFACTORILY AT SITE. 56 AN EFFECTIVE VECTOR CONTROL PROGRAM UTILIZED AT SITE (Where Needed).

Page 3

YES NO

CC

 ARE HAZARDOUS WASTES RECEIVED AT THE SITE? (If Yes, List Types on Next Page.)

CORRECTIVE PRIORITY PROGRAM:

The following items should have otherdini.

- O control of Litter (Blowing)
- @ Surface Run off Control mointainone

SANITARIAN (Signature)

OPERATOR (Signature)

H72	1.009 1-71	Card Code	A		J		Page 4
•	Identification Number 100534	Inspection D	ate 👩			1_PER DAY 2_PER WEEK	1
						3_PER MO. 4_PER YEAR	
1.	TYPES OF SOLID WASTE RECEIVED		YES I	NO 2	TONS		
	A. AGRICULTURAL WASTE						14-21
	B. COMMERCIAL WASTE				2666		22-29
	C. CONSTRUCTION AND DEMOLITION WASTE	• _			150E		30-37
	D. DOMESTIC AND HOUSEHOLD WASTE				Lloloc		38-45
	E. INDUSTRIAL WASTE				1000		46-53
	F. PARK AND BEACH WASTE						54-61
		Card Code	В				1
	G. PATIENT CARE INSTITUTION WASTE	eraption of the control of the contr		Z			14-21
	H. SEPTIC TANK WASTE			2			22.29
	I. SEWAGE TREATMENT PLANT AND PUMPING STATION	WASTE		Z			30-37
	J. STREET AND ALLEY WASTE			2			38-45
	K. TREE AND LANDSCAPING WASTE		\square		1266		46-53
	L. OTHER						54-61
	STATE QUANTITIES OF SOLID WASTE RECEIVED PER	DAY		4	700		62-70
-	·	Card Code	C	÷			1
	LIST TYPES OF HAZARDOUS WASTE		<u> </u>	DE T	TONS	,	14.04
1.							14-24
2.							25-35
3.							36-46
4;			<u></u>	——————————————————————————————————————			47-57
5.					<u> </u>	J	58-68:
		Card Code	D				1
6.		 -		DE	TONS] 🗆	14-24
-							25-35
8.		· ·					36-46
9.							47-57
10.			П			20h1/	58-68

.

. .

21.009 1-71

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES COMMUNITY ENVIRONMENTAL SERVICES

_	1		DIO COME THE	. LOTION TIET	/···				, . -	•
	Disposal Facility		 F	acility Address					مخصد	==
/	Novak	Dienacal St	i stalina, ali	21121	21/14		,			•
•	County	, and the second	N.	lunicipality —	1 11					
٠	Proprietor's Name	<u> </u>	P	roprietor's Address	5.11				 -	
	Louis at	Nous K	• .	DEIA	116.16	. 169			•	
•						to contract of	•		CC	
			: : : : : : : : : : : : : : : : : : :				O,	Rice	Ç	
		RECEIVED	T 1	ype Record	[6]		11	Sedy AL		1
	·	DIVISION OF SOLLO WASTE	ld	lentification Numbe	100	320		•	2	2- 7
		MAY 2 0 1974			МО	DA	_	YR		
		- MANAGEMENT	e _{produce} prod in V produce in color	spection Date	01य	19	실	72	8	B-13
	. [R	einspection Date	الزائز	17		لولو	14	4-19
			1	torial extension of the second se	CN	IPL N	·CMPL	N/A		
						1	2	3	-	
		ACCESS ROADS TO THE SITE FO TRAFFIC NEGOTIABLE BY LOAD			DADS	Z]				20
						_				
	2. TELEPHONE OF	R RADIO COMMUNICATIONS ACC	ESSIBLE TO THE SI	TE.	Į	4	Ц			21
2	3. ADEQUATE EQ	UIPMENT FOR MINIMIZING FIRE	HAZARDS AVAILA	BLE.	(22
	4. ALL BUILDINGS	S AND EQUIPMENT PROVIDED W	ITH FUNCTIONAL F	IRE EXTINGUISHER	s.	\mathbf{Z}				23
	5. ACCESS LIMITE	D TO THOSE TIMES WHEN AN AT	TENDANT IS ON D	UTY.	Į.					24
	A MOURS OF O	PERATION PROMINENTLY POST	FD	Victoria de la composição	ſ	7]	\Box			35
	A. HOURS OF C	TENATION PROMINENTE F 1031	•		_	_				2 5
		ARRIER AND FENCING BLOCKS A F IS NOT ON DUTY,		E WHEN AN	Ų					2 6
	6. APPROVED OPE	ERATIONAL SAFETY PROGRAM F		•	ī	7	П			27
			en e							
	7. ADEQUATE SAN	NITARY FACILITIES PROVIDED F	OR THE EMPLOYER	ES. 	¥ -					28
	8. MAINTENANCE	OF DAILY OPERATIONAL RECO	RDS.		Ĺ					2 9
	9. FOLLOWING OF	PERATIONAL PLAN ITEMS FOLLO		•						
	A. AREA TO BE		• শ্রেণ্ড কর্মের জি ১৮৫							30
í	; B. SCHEDULE C	OF FILLING			ſ	٦	2		. "	. 31
\	<i>-</i> /	•	1000 (1000) (1000) (1000) (1000) (1000) (1000) (1000) (1000) (1000) (1000) (1000) (1000) (1000) (1000) (1000)		r	_ 	~			
	C. SITE PREPAR	RATION	ra district	The state of the s		<u></u>	니		1.50	,
	D. SOURCE AND	D TYPES OF COVER MATERIAL	e de la final de l		Ţ					\$9
	E. SOURCE AND	D TYPES OF SUB-BASE			[25X1/	73	34

	1.009 1-71	CMPL 1	N-CMPL 2	N/A 3	Page 2 CC
10.	EQUIPMENT PROVIDED FOR OPERATION OF THE SITE ADEQUATE IN SIZE AND PERFORMANCE CAPABILITY.	1		<i>*</i> ·	
11.	PROVISIONS AVAILABLE TO WEIGH AND/OR MEASURE ALL SOLID WASTE DELIVERED TO THE SITE.			3	36
12.	UNLOADING AREAS CLEARLY INDICATED AND RESTRICTED TO WITHIN THIRTY FEET OF THE WORKING FACE.				37
13.	SIZE OF THE WORKING FACE CONFINED TO AN AREA WHICH CAN EASILY BE COMPACTED AND COVERED DAILY.				38
14.	BLOWING LITTER CONTROLLED.				39
15.	SOLID WASTE SPREAD AND COMPACTED IN LAYERS NOT EXCEEDING A DEPTH OF TWO FEET.				40
16.	INDIVIDUAL CELLS EIGHT FEET THICK OR LESS.				41
17.	UNIFORM LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM OF SIX INCHES, PLACED ON ALL EXPOSED SOLID WASTE AT THE END OF EACH WORKING DAY.				42
18.	AN INTERMEDIATE LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIFORM DEPTH OF ONE FOOT, PLACED ON COMPLETED LIFTS IN AREAS WHERE THERE IS CLEAR INTENTION TO PLACE ANOTHER LIFT WITHIN ONE YEAR.				43
19.	A FINAL LAYER OF COVER MATERIAL, COMPACTED TO A MINIMUM UNIFORM DEPTH OF TWO FEET PLACED OVER THE ENTIRE SURFACE OF EACH PORTION OF THE FINAL LIFT.				
20.	SUITABLE STANDBY EQUIPMENT AVAILABLE TO THE SITE.				45
21.	DISPOSAL OF SEWAGE SOLIDS, LIQUIDS AND HAZARDOUS WASTE HANDLED WITH THE AP- PROVAL OF THE DEPARTMENT OF ENVIRONMENTAL RESOURCES.			3	46
22.	BULKY WASTES PROPERLY DISPOSED.				47
23.	REGULATION BAN ON OPEN BURNING ADHERED TO AT THE SITE.				48
24.	DUST CONTROLLED AT SITE.				49
25.	REGULATION BAN ON SCAVENGING ADHERED TO AT THE SITE.				50
26.	SALVAGING AT SITE OCCURS IN ACCORDANCE WITH REGULATIONS.				51
27.	SURFACE WATER IS SATISFACTORILY MANAGED AT THE SITE.				52°
28.	FINAL SLOPES AT LEAST ONE PERCENT BUT NOT GREATER THAN FIFTEEN PERCENT OR AS APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES.			ORIGINAL.	53
29.	SATISFACTORY VEGETATIVE GROWTH ESTABLISHED TO PREVENT EROSION OF THE FINAL SOIL COVER (Weather Permitting).			(Red)	_.
30.	REGULATION BAN ON UNTREATED LEACHATE DISCHARGE TO SURFACE ADHERED TO AT				
31,	SITE. LEACHATE TREATMENT FACILITIES OPERATED SATISFACTORILY AT SITE.			3	56
32,	AN EFFECTIVE VECTOR CONTROL PROGRAM UTILIZED AT SITE (Where Needed).	Ø		200104	57 7
		•		FAATO	1

Page CC

'ES		NO
	-	_
1		2

ARE HAZARDOUS WASTES RECEIVED AT THE SITE (If Yes, List Types on Next Page.)

CORRECTIVE PRIORITY PROGRAM:

The following itsms must be corrected.

9,6, 19, 22.

ORIGINAL

EANTTARIAN (Signature)

CERTIFIED (Signature)

, H721.009 1-71	Card Code	A	,)		Page 4
•	Inspection Da		7 [CC 1
2-7	mspection De		ليا لي 3- 1		1_PER DAY 2_PER WEEK 3_PER MO. "	-
1. TYPES OF SOLID WASTE RECEIVED		YES	NO 2	TONS	4_PER YEAR	
A. AGRICULTURAL WASTE						14-21
B. COMMERCIAL WASTE						22-29
C. CONSTRUCTION AND DEMOLITION WASTE						30-37
D. DOMESTIC AND HOUSEHOLD WASTE						38-45
E. INDUSTRIAL WASTE						46-53
F. PARK AND BEACH WASTE						54-61
•	Card Code	В				1
G. PATIENT CARE INSTITUTION WASTE						14-21
H. SEPTIC TANK WASTE						22-29
I. SEWAGE TREATMENT PLANT AND PUMPING STATION WA	ASTE] 🗆	30-37
J. STREET AND ALLEY WASTE] 🗆	38-45
K. TREE AND LANDSCAPING WASTE						40-55
L. OTHER						54-61
STATE QUANTITIES OF SOLID WASTE RECEIVED PER DA	Y					62-70
LIST TYPES OF HAZARDOUS WASTE	Card Code	C				1
1.		COB	E	TONS	1 🗆	14-24
2.						25.35
3.						36-46
- 4;						47-57
5.] 🐅 🗌	58.68_
	Card Code	D				1
		COD	E	TONS	י ריי	14.24
6.			<u>.</u>		, .	14-24
5.						36-46
					, <u> </u>	47.57
10.					200106	58-68
		L_L_L		•	KUVIUU	Autombo de

• 1

No. 342-4524

C. A. COSTELLO ENGINEERING CO.

LAND DEVELOPMENT-BURVEYING
VATER & REWAGE RYSTEMS-ROLID WASTE LANDFILL CONSULTING
THO IL WANHINGTON STREET 943 N 7Th ST.

ALLENTOWN, PENNA. 18109-

趑

June 6, 1974

Mr. Carl Gitschier State Health Dept. 520 East Broad St. JUN 2 3 10.

Dear Sir: .

Bethlehem, Penna.

I inspected the Novak Sanitary Landfill located in South Whitehall Township, Lehigh County, on Monday, June 3, 1974.

Legislative Route 39042 and Township Road T-593 were clean. No debris had been carried from the Landfill onto them, nor had any refuse been dropped from trucks entering the Landfill.

The principal access road to the Landfill was in good condition. The surface was hard, dry and fairly smooth. The surface of the existing, or "old road" to the East Side was rough, and moist in spots, but vehicles were able to move over it with little or no difficulty. As I mentioned in my last two reports, a "new" road to the East Side Demolition Area was under construction. This road (on June 3) was about half completed. Dry waste such as tar paper, shingles, wood, etc. mixed with soil had been used to form the roadbed. The thin "flat" material will allow storm water to percolate rapidly through the fill. The result will be a stable road even in very wet weather. The surface of this road will be approximately 6 to 8 feet above the level of the "old" road.

The East Side Demolition Area had been used infrequently during the past several months and was in good condition, i.e. no light, loose material was scattered about the surface. Furthermore, approximately 75% of the surface had been covered with a layer of clay.

A small amount of road grading had been done in the Southeast part of the Landfill to prepare the roadway there for heavy vehicles which will, in the near future, enter this area to remove soil from the South top of the "Deep Trench" for cover in other sections of the Landfill.

(3)29A

The trees and shrubs here had been cleaned of all paper, sheet plastic, and other wind blown waste that had been "caught" by the vegetation.

The surface of the large shallow depression located in the East center of the Landfill was in good condition, too. There were no pools of water in the "basin", and very little light waste scattered over the surface. Some earth had been removed from the south bottom to provide cover and fill for other more "active" areas of the Landfill.

Storm water had accumulated in the "Deep Trench" on the South side of the property, but had been pumped out, otherwise the trench was in much the same condition as last month. The trench serves as a "sump" for storm water from the entire project. A portable pump had been positioned near the lowest part of the trench for emergency use.

The nearly vertical sides had been eroded somewhat and sediment deposited at the bottom of the trench. This sediment is very unstable, therefore Mr. Novak will not permit vehicles to be operated in the trench until it has thoroughly dried out.

In the past 6 months the principal deposition area was located in the West Center of the Project Site. At the time of this inspection the elevation of the refuse was approximately the same as that of the surface of the main access road. The waste had been spread, compacted and covered with a layer of soil for a distance of nearly 200 ft. east of the west top of the Landfill.

The northwest, west, and southwest tops of the Landfill were in very good condition. A low earthen dike which had been constructed parallel to the west top of the Project was also in good condition. Its surface was firm and dry, and the shallow swale along the west bottom carried storm water from the Site at a non-erosive velocity.

Fences or "trash stops" along the south side of the west branch of the access road were in good condition, as were those along the west side of the main road.

The surface between the west branch of the road and the north top of the "Deep Trench" slopes moderately to the south, and shows little evidence of erosion. Only a small amount of light waste material was exposed on the surface and that appeared to anchored firmly enough to prevent it being carried away by strong winds.

200108

MANAGEMENT!

Smouldering and/or burning material could not be seen anywhere on the Site.

Vermin were not present on any section of the Project Site.

Mr. Novak is to be commended for his cooperation with our company, and the DER, and for his excellent supervision of the Landfill.

oseph Solisho

Joseph Solinko R.S. C. A. Costello Engineering Co.

JS/hc

Louis J. Novak

South Whitehall Township Manager

Chale (1 Cost Co.

ATTEST: Charles A. Costello R.S.

	BLP-09 REV. 3/74		/ /			•		
Mu	nicipality Ga	the Whilst	,			Identification	n No. <i>100-539</i>	<u>_</u>
Cou	unty LEB	igh	COMMONWEALTH (DEPARTMENT OF ENVIR BUREAU OF LAN	ONMEN	TAL RESOL	RECEIVED BY SOLID WAS RCES JUL 22 1974	Date 97/18/	74
			LAND DISPOSAL IN	SPECT	ION REPOR			•
	·	Disposal Facilit				Proprietor		
Nar	ne Lauri - I	Nousk, 1	Dispus Sitz	Nam		J. Noust		
Add	dress <u>R</u> _Z	Allentou	14	Add	ress <u>R</u>	2 Allentou	un Per	9/14
(C-C	Compliance; NC-No	on-Compliance; NA-Non-A	opticable)					
A.	75.43, .93	Access Road	C NC NA	P.	75.92	Standby Equipment	C NC NA	
8.	75.44, .94	Weighing or Measuring Facilities		a.	75.96	Size of Working Face		
C.	75.45	Communications		A.	75.97	Control of Blowing Litter		- ,
D.	75.46	Fire Protection		S.	75.98	Burning	\square	
€.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage		v.	.112	Thickness of Cells		
Н.	75.50	Vector Control		w.	.113	Daily Cover		
	75.51	Accident Prevention and Safety	\Box	x .	.114	Intermediate Cover		-
J.	75.52	Employee Facilities		Υ.	.115	Final Cover		
K .	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
L	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		
M	75.84	Prevention of Ground	立口	88.	.118	Placement in Ground Water		
10		Water Pollution		cc.	.119	Final Grading & Seeding		
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance After Operations Have		, \
0.	75.91	Equipment				Ceased	200110	

75.99 Dust control needed at the site.

75.114 Intermedists cover needed at several

Areas in the immediate operating area.

J. 117 Bulky Wester most be processed one regular basis as required by the regular basis.

eperturagi bit Environmental Resources Representative

Certified >) wit

	
ER-BLP-09 REV. 3/74	
Municipality Saith Whitenell -	Identification No. 100534
Municipality Saith Whitenell -	RECEIVER 7/26/7
COMMONWEALT	TH OF PENNSYLVANIA DIVISION OF SOLL AND
	AND PROTECTION JUL S 1 10
	1
LAND DISPOSAL	INSPECTION REPORT MANAGEMENT
Disposal Facility	Proprietor Proprietor
Name Louis T. Novak, Disposal Siz	Name Louis J. Navak
Name Louis T. Novak, Disposol Siz	Address RJ Allertown
(C-Compliance; NC-Non-Compliance; NA-Non-Applicable)	· · · · · · · · · · · · · · · · · · ·
C NC NA	C NC NA
A. 75.43, .93 Access Road	P. 75.92 Standby Equipment
B. 75.44, .94 Weighing or	Q. 75.96 Size of Working Face

Nan Add	Name Louis T. Novak, Disposal Siz Address R 2 Allsontown, 18109				ress	Proprietor Navak R.J. Allant		
(C-C	ompliance; NC-N	Non-Compliance; NA-Non-A	pplicable					
A. B.	75.43, .93 75.44, .94	Access Road Weighing or Measuring Facilities	C NC NA	P. Q.	75.92 75.96	Standby Equipment Size of Working Face	C NC NA	
C.	75.45	Communications		R.	75.97	Control of Blowing Litter		
D.	75.46	Fire Protection	\square	S.	75.98	Burning		
E.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G. Н.	75.49 75.50	Salvage Vector Control		v. w.	.112	Thickness of Cells		
ا. خار	75.51	Accident Prevention and Safety	لیا لیا	X.	.114	Intermediate Cover		
Ĵ.	75.52	Employee Facilities		Y.	.115	Final Cover		
K.	75.53, .120	Operational Records and Plan Execution		Z .	.116	Sewage Solids, Liquids & Hazardous Wastes		
1	75.82 —	Cover Material Characteristics		AA.		Bulky Waste		•
M.	75.84	Prevention of Ground Water Pollution		88.	.118	Placement in Ground Water		
N.	75.85	Drainage of Surface Water		CC.	.119	Final Grading & Seeding Continued Maintenance		•••
0.	75.91	Equipment				After Operations Have Ceased	200112	

Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspection Report.

75,99 Dust must be controlled of the site.

75.111 Bulky waste must be spread, compacted and nurred as required.

75. 114 Intermediate courr must be applied

Mur	nicipality 5	outh Whi	2//-	, '		Identificatio	n No. / 0053	9
Cou	ntyE	high.			-	RECEIV	ED 98/02/	74
	_		COMMONWEALTH O	ONMEN	TAL RESOU			
		,	BUREAU OF LAN			MANAGER	' 1	•
	-		LAND DISPOSAL IN	SPECT	ION REPOF	I WINDIGEN; E!	41	
		Disposal Facili	ty	<u> </u>	·	Proprietor	- ,	
Nam	ne Dous	K Dispos	2/ 5/2	Nam	e Lou	is J. N.	012K	 ·
Add	ress —	#2-A/	rntown	Add	ress	# 1 1/1	robown	810
	a san a			_				
16.6	amatianasi NC N	on-Compliance; NA-Non-A	anticoble)			· · · · · · · · · · · · · · · · · · ·		
10-0	ombilance; I4C-M	ion-compliance; NA-Norra	C NC NA				C NC NA	
A.	75.43, .93	Access Road _		P.	75.92	Standby Equipment		
В.	75.44, .94	Weighing or		a.	75.96	Size of Working Face		
C.	75.45	Measuring Facilities Communications		R.	75.97	Control of Blowing		= :
D.	75.46	Fire Protection		S.	75.98	Burning		- حر ي
E.	75.47	Limited Access	_	т.	75.99	Dust Control	\square	
F.	75.48, .95	Unloading		U.	.111	Spreading and		
G.	75.49	Salvage	Z		115	Compacting Thisteness of Colle		
Н.	75.50	Vactor Contro!		V.	.112	Thickness of Cells		
he. L	75.51	Accident Prevention		W.	113	Daily Cover		
		and Safety	- -	Y.	.114	Final Cover		:
	75.52	Employee Facilities		z.				
	.75.53, .120	Operational Records and Plan Execution	<u> </u>	2.	.116 ⁻	Sewage Solids, Liquids & Hazardous Wastes	لكالياليا	
, E	75.82	Cover Material Characteristics	Z	AA.	.117	Bulky Waste		~
M.	75.84	Prevention of Ground		88.	.118	Placement in Ground Water		•
3 - : .		Water Pollution		cc.	.119	Final Grading & Seeding		
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance		•••,
0.	75.91	Equipment				After Operations Have Ceased	200114	
Spec	ify all violations	indicate required corrective	e measures and indicate abatemer	nt time fo	or all NC item	s on page 2 of the Inspection	n Report	

ER-BLP-09 REV. 3/74

Disposal Facility Have K Thispose Site

100534

Date 08/02/74

75.49 Solvage operations to be conducted in compliance with Solid was to Regulations.

epartment of Environmental Resources Representative

Certified Mail.

ER-B	LP-09 REV. 3/74			;		1		
Mun	icipality غربون	A respective	A			ldentification	1 No. /	7
Cour	nty Le	ik			ľ		Date 24/03	-/2.
	, i	1	COMMONWEALTH (DEPARTMENT OF ENVIR BUREAU OF LAN	ONMEN'	TAL RESOUR	RECEIVE RCES PI () 1974	D	
			LAND DISPOSAL IN	SPECTI	ON REPOR	T MANAGEMENT		
	· .	Disposal Facilit	у			Proprietor	_	
Nam	Novak	Disposa	l Ste	Nam	e Marin	I nova	<u>k</u>	
Addı	ress RD.	1 allenta	un Pa	A ddr	ess <u>R</u> 1) # 1		
					01	Certain	\geq	·
						` .		
(C-Cd	ompliance; NC-No	n-Compliance; NA-Non-Ap	oplicable)				· · · · · · · · · · · · · · · · · · ·	
A.	75.43, .93	Access Road	C NC NA	Ρ.	75.92	Standby Equipment	C NC NA	
В.	75.44, .94	Weighing or		a.	75.96	Size of Working Face		
C.	75.45	Measuring Facilities Communications		R.	75.97	Control of Blowing Litter		• ,
D.	75.46	Fire Protection		S.	75.98	Burning		
E.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage .		V.	.112	Thickness of Cells		
ÄH.	75.50	Vector Control		w.	.113	Daily Cover	$\Box\Box\Box$	
1.	75.51	Accident Prevention and Safety		x.	.114	Intermediate Cover		
and the same of th	≨75.52	Employee Facilities		Υ.	.115	Final Cover		
		Operational Records		z.	.116	Sewage Solids, Liquids		
	.75.53, .120	and Plan Execution			.110	& Hazardous Wastes		
15	~ 75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		•
M.	75.84	Prevention of Ground		88.	.118	Placement in Ground Water		
	<i>6</i> *	Water Pollution	[] [-] []	cc.	.119	Final Grading & Seeding		
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance		*** '
0.	75.91	Equipment				After Operations Have Ceased	200116	\ }
Speci	ify all violations, i	ndicate required corrective	measures and indicate abatemen	t time fo	or all NC items	on page 2 of the	200 a	·

- is allowed in the second and the second and the second

Disposal Facility Novek Disposal Lite
RD1 allentown ID# 100534

Date 09/05/74

75.51. Certification certificate for accident prevention needed by the aperator of the site.

75.85 additional surface water mongement needed at the site to prevent the possible development as leadate.

5.114 On intermediat layer of cover material is needed on the disposal ones north west of the entronce road if this ones is not to be active in the immediate future.

75.117 The belky weste located along the entrance road is to be processed so per the regulations. This ones should not be used as a storage one for salvage material.

physion of Environmental Resources Representative

Lavis///07/R 200117 whitehel.

Identification No. 100534

Date 09/12/14

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES **BUREAU OF LAND PROTECTION**

LAND DISPOSAL INSPECTION REPORT

	Name Novak Disposal Site Address RD# 1				Name Lavis J. Novek Address RD# / allentare						
	alle	Non-Compliance: NA-Non-A	notice blok								
10-01	omphanice, 140-1	ton-compnance, ita-itora	ppicablei	}							
A.	75.43, .93	Access Road	C NC NA	P.	75.92	Standby Equipment	C NC NA				
В.	75.44, .94	Weighing or Measuring Facilities		Q.	75.96	Size of Working Face					
C.	75.45	Communications		R.	75.97	Control of Blowing Litter		_			
D.	75.46	Fire Protection		s.	75.98	Burning		\bigcup			
E.	75.47	Limited Access		т.	75.99	Dust Control					
F.	75.48, .95	Unloading		U.	,111	Spreading and Compacting					
G.	75.49	Salvag e		V.	,112	Thickness of Cells					
H. (75.50	Vector Control		W.	.113	Daily Cover					
l.	75.51	Accident Prevention and Safety	14	x.	.114	Intermediate Cover		-			
	75.52	Employee Facilities		Υ.	.115	Final Cover					
K	.75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes					
£.,	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		-			
M.	75.84	Prevention of Ground Water Pollution		BB.	.118	Placement in Ground Water	\square	-			
N.	75.85	Drainage of Surface		cc.	.119	Final Grading & Seeding					
		Water	<u>.</u>	DD.	.121	Continued Maintenance After Operations Have					
0.	75.91	Equipment				Ceased	200118	_			

Disposal Facility Novek Science State

ID 180534

Date 09/12/74

75.43 Maintance of the entrance rook is needed to eliminate pat-hales Etc.

75.49 all solvoyed materials must be removed as per the vegulations.

75.51 an occident and sefty program is muched.

75.85 Additional surface water control needed.

75.116 Sewage soleds, Liquid, end Hozordows wester are not to be accepted with ant approval of the deportment.

epartient of Environmental Resources Acpresentative

Ly. //ard/

ER-E	BLP 09 REV. 3/7/ 1		· D	:		•		
Mur	nicipality 4	uth white	how			Identificatio	on No. 100 5	<u>34-</u>
Cou		lish	<u>-</u>		•	· ·	Date 09/19	7/74
	,		COMMONWEALTH	OF PENN	ISYLVANIA	1 Partie		
			DEPARTMENT OF ENVIR	ONMEN	TAL RESOU	RCES	(4D) /	
			BUREAU OF LAN	ID PROT	ECTION /	10 mg	E	
			LAND DISPOSAL IN	SPECTI	ON REPOR	T MAGEST	7	•
					· ·	33,537		
		Disposal Facilit	-		. 1	Proprietor	$\overline{}$	
Nam	ne noval	k disposit	Lite die	Nam	· Kun	is J. hove	<u> </u>	
Add	ress R1	Ellestown	,	Addı	\mathcal{L}_{ess}	D#, all	Warn	
.,7100	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			7100.				i i
					*****			·
(C-C	ompliance; NC-No	on-Compliance; NA-Non-A	pplicable)					
			C NC NA				C NC NA	
A.	75.43, .93	Access Road		Ρ.	75.92	Standby Equipment		
8.	75.44, .94	Weighing or		Q.	75.96	Size of Working Face		
		Measuring Facilities			75.07			
c.	75.45	Communications		R.	75.97	Control of Blowing Litter		٠.
D.	75.46	Fire Protection		S.	75.98	Burning		
E.	75.47	Limited Access		T.	75.99	Dust Control		_
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage				· -		
H.	75.50	Vector Control		V.	.112	Thickness of Cells		
4.4	75.51	Accident Prevention		W.	.113	Daily Cover		
		and Safety		×.	.114	Intermediate Cover		-
. .	75.52	Employee Facilities		Y.	.115	Final Cover		
. K	75.53, .120	Operational Records	\square	Ž.	.116	Sewage Solids, Liquids		
7		and Plan Execution				& Hazardous Wastes		
ACX	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		=
a la	Same.	. •		BB.	.118	Placement in Ground		•
ø M.	~ 75.84 	Prevention of Ground Water Pollution				Water		
S. C.	7e o=	Decision of Confess		CC.	.119	Final Grading & Seeding		
N.	75 .85	Drainage of Surface Water		DD.	.121	Continued Maintenance		**. <
Ο.	75.91	Equipment				After Operations Have Ceased	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 🔍
.	70.51	equipment	·			Geased	200120	

Disposal Facility Rorak	hipacal lite
	100530

Date 09/19/74

75,49 All salvoged meterials must be processed and remark from the site as per the regulations.

75.51 On accident prevention and sefly program is needed on the site.

75,85 Surface water management needed at the site to prevent the percolation of surface water and the development of leachet.

epersonental Resources Representative

Yus Market

Municipality South Whiteha County Linigh

Identification No. 100534

Date 09/26/79

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF LAND PROTECTION

LAND DISPOSAL INSPECTION REPORT

	Disposal Facility				0	Proprietor		
Nam	10 non	K dipus	Ste	Narr	ie Laur	i J. Kora	K	
	DI	Allenh				BHI	_	•
Add	ress —/C. L	71 1121116	W4	Add	ress	11 1- 11	2 , 5, 10	
						allan,	a 18104	
(C-C	ompliance; NC-N	Ion-Compliance; NA-Non-A	policable)					
			C NC NA				C NC NA	
A.	75.43, .93	Access Road		P.	75.92	Standby Equipment		
В.	75.44, .94	Weighing or Measuring Facilities		Q.	75.96	Size of Working Face		•
C.	75.45	Communications	山 口	R.	75.97	Control of Blowing Litter		
D.	75.46	Fire Protection		S.	75.98	Burning		
E.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage		.,	***	_		
н.	75.50	Vector Control		V.	.112	Thickness of Cells		
l.	75.51	Accident Prevention		W.	.113	Daily Cover		
3.1 5.	T y •	and Safety		X.	.114	Intermediate Cover		:
J	75.52	Employee Facilities		٧.	.115	Final Cover		
K.	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
Ľ.	75.82	Cover Material Characteristics	\Box	AA.	.117	Bulky Waste		
M.	75.84	Prevention of Ground Water Pollution	$ rac{1}{2} $	88.	.118	Placement in Ground Water		
- "	· :			CC.	.119	Final Grading & Seeding		
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance After Operations Have		". 、ノ
0.	75.91	Equipment				Ceased	200122	

Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspection Report

Disposal Facility horal Hisparel Lite

I D # 100534

Date _ 09/26/74

75.51 On accident prevention out softy programs

needed on the site.

75.85 Abbhinal surface water drainage suched on the

site; preventing the development of leachte.

75.114 Intermediate cover needed on those areas

where no additional appration is expectating

the near future

egistineny of Environmental Presources Representative

S/// Operator

ER-E	BLP-09 REV. 3/74	22				•	
Mun	nicipality	Whiteself				() Identification	No. 100534
Cou	inty Life	1					Date 10/03/74
		-	COMMONWEALTH O DEPARTMENT OF ENVIRO BUREAU OF LAN	F PENN ONMEN	ISYLVANIA	ECENT	7
			LAND DISPOSAL INS		ON REPOR	OCT 4 1974	
			· · · · · · · · · · · · · · · · · · ·		<u> </u>	MANAGEMENT :	1.0
Nam	no novek	Disposal Facility Lipsul	Lite	Nam	· Luis	9. Warok	·
	Iress $R1$	Allestrur	1	.Addı		2 Month	un
Add				Auui	C35		
		·					· · · · · · · · · · · · · · · · · · ·
(C-C	ompliance; NC-No	n-Compliance; NA-Non-Ap	oplicable)				
A.	75.43, .93	Access Road	C NC NA	Р.	75.92	Standby Equipment	C NC NA (
В.	75.44, .94	Weighing or		Q.	75.96	Size of Working Face	
C.	75.45	Measuring Facilities . Communications		A.	75.97	Control of Blowing	
D.	75.46	Fire Protection	\square	S.	75.98	Burning	
E.	75.47	Limited Access	\square	т.	75.99	Dust Control	
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting	
G.	75.49	Salvag e		V.	.112	Thickness of Cells	
Н.	75.50	Vector Control		w.	.113	Daily Cover	
	75.51	Accident Prevention and Safety		x .	.114	Intermediate Cover	
	75.52	Employee Facilities		Υ.	.115	Final Cover	
K	75.53, .120	Operational Records and Plan Execution		Z .	.116	Sewage Solids, Liquids & Hazardous Wastes	
2L	€75.82	Cover Material Characteristics	\Box	AA.	.117	Bulky Waste	
Z.M.	75.84	Prevention of Ground		88.	.118	Placement in Ground Water	
7		Water Pollution		CC.	.119	Final Grading & Seeding	
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance	
0.	75.91	Equipment				After Operations Have Ceased	200124
Spec	ify all violations, i	ndicate required corrective	measures and indicate abatement	t time fo	r all NC item	s on page 2 of the Inspectio	n F

Disposal Facility noval Nisposa Oft	/
JU# 100534	_
Date 10/03/74	

75.51 Ou occident prevention and safty program one medil on the site.

75.85 Drainage of surface water at the site just be must be mentained in order to present leachate development.

, 4°

200125

L.J. Hovell

	unty	ull White	COMMONWEALTH OF DEPARTMENT OF ENVIRON BUREAU OF LAN	ONMEN D PROT	TAL RESOU	RECEIN OF SOLI	74	39 172
	me nonal dress RD all	Disposal Facility Lispeaul Hann H	Lite	Nam Addi	71	Proprietor T. Deor	19192	
(C-C	Compliance; NC-No	on-Compliance; NA-Non-Ap	oplicable) C NC NA				C NC NA	
A.	75.43, .93	Access Road		P.	75.92	Standby Equipment		
8.	75.44, .94	Weighing or Measuring Facilities		Q.	75.96	Size of Working Face		
C.	75.45	Communications		A.	75.97	Control of Blowing Litter		•
D.	75.46	Fire Protection		S.	75.98	Burning		
€.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage		V.	.112	Thickness of Cells		
Н.	75.50	Vector Control	900	W.	.113	Daily Cover		
	75.51	Accident Prevention and Safety		x.	.114	Intermediate Cover		-
**	75.52	Employee Facilities		٧.	.115	Final Cover		
K	. 75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
	75.82	- Cover Material - Characteristics	\square	AA.	.117	Bulky Waste		: 2
M	75.84	Prevention of Ground	\square	BB.	.118	Placement in Ground Water		•
	u. T	Water Pollution		CC.	.119	Final Grading & Seeding		
. N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance After Operations Have	$\mathbf{Z} \stackrel{\circ}{\Box} \stackrel{\circ}{\Box}$	••• <u> </u>
0.	75 .91	Equipment	口口		·	Ceased	200126	
Scool	cify all violations i	ndicate required corrective	measures and indicate abatement	t time fo	r all NC items	on page 2 of the Inspectic		

01 11 110

Disposal Facility Zovak Signed Ste-ID# 100534

Date 18/10/74

75.51 On scribal prevation and suffy,

Taring / male

€R-I	BLP-09 REV. 3/7/					•		
	nicipality	uel. White	La.	:			n No. 10053	34
	F.11.	ik	•			Pro	10/10	171
Cou	inty_7000	• .				DIVISION OF	D	
			COMMONWEALTH DEPARTMENT OF ENVIR BUREAU OF LAI	OF PENN RONMEN	NSYLVANIA TAL RESPL	PROCESTO T	ALE MACE	~
•			BUREAU OF LAI	ND PROT	TECTION	181974	<i>j</i>	
			LAND DISPOSAL IN	ISPECTI	ION REPO	ET HANGEMENT	. 1	
		•			فنرر		\mathcal{I}	
		Disposal Facili	ty O			Proprietor		
Nan	ne Nova	K Disposal	Ite	Nam	e Laur	i I No	vik	
Add	tress RI	D#1		Addi	ress /	D#2		
	all	kotavn,	Ta 18104		a	Untown, For	13104	
70.0		,		ļ		<u> </u>		
(C-C	ompliance; NC-No	n-Compliance; NA-Non-A						
A.	75.43, .93	Access Road	C NC NA	P.	75.92	Standby Equipment	C NC NA	
					-			
В.	75.44, .94	Weighing or Measuring Facilities	الكالياليا	Q.	75.96	Size of Working Face		
C.	75.45	Communications	\square	R.	75.97	Control of Blowing Litter		4 .
D.	75.46	Fire Protection		S.	75.98	Burning		
E.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage		v.	.112	Thickness of Cells		
н.	75.50	Vector Control						
1.	75.51	Accident Prevention		W.	.113	Daily Cover		
10	e dece	and Safety		X.	.114~	Intermediate Cover		
J.	75.52	Employee Facilities		Υ.	.115	Final Cover		
K	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
		Cover Material		AA.	.117	Bulky Waste		
	Here was	Characteristics		88.	.118	Placement in Ground		•
W.	75.84	Prevention of Ground Water Pollution				Water		
- A - C				cc.	.119	Final Grading & Seeding		
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance		•"
Λ	75.91	Fauinment				After Operations Have		
o. 		Equipment	L / _J			Ceased	200128	
Spec	ify all violations, i	ndicate required correctiv	e measures and indicate abateme	nt time fo	or all NC item	ns on page 2 of the Inspection	n Report.	
		•				•		

Disposal Facili	w Novak	Dispres	Ofte
	<u> </u>	•	
Date/	0/18/14		

75.51 An existent prevention and suffy programme.

L. J. Morale Operator

200129

Mui Cou	2).;;	Disposal Facility	COMMONWEALTH O DEPARTMENT OF ENVIRO BUREAU OF LAN LAND DISPOSAL INS	ONMEN	TAL RESOUI	ACES WASHINGTON OF THE	- 1	170
. Add	alle	bwn, Pa		Addı	ress R Al	lestours,	Pa 1810.	
(C-C	ompliance; NC-No	on-Compliance; NA-Non-Ap	oplicable) C NC NA				C NC NA	
A.	75.43, .93	Access Road		P.	75.92	Standby Equipment		
8.	75.44, .94	Weighing or		Q.	75.96	Size of Working Face	$\Box\Box\Box$	
C.	75.45	Measuring Facilities Communications		R.	75.97	Control of Blowing Litter		
D.	75.46	Fire Protection		S.	75.98	Burning		
E.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.		Salvage		v.	.112	Thickness of Cells	\Box	
H.	75.50	Vector Control		w.	.113	Daily Cover		
	75.51	Accident Prevention and Safety		X.	.114	Intermediate Cover		
J.	75.52	Employee Facilities	\square	Y.	.115	Final Cover		
K.	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
NL:	75.82	Cover Material	\square	AA.	.117	Bulky Waste		•
M	75.84	Prevention of Ground		B B .	.118	Placement in Ground Water		•
34	4 7	Water Pollution		CC.	.119	Final Grading & Seeding		
N. 	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance After Operations Have		 \
0.	75.91	Equipment			·	Ceased		

Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 305 the lappect 2001 30

Disposal Facility Rosek	Seo	and Ch
ID	#	100534
Date 10/24/7	4	

75.51 On accident prevention and self program is needed for the sit.

epartmet of ginvironmental Resource Representative

Pouis I. Movale

200131

Mun Cour Nam Add	nova.	Disposal Facility Kalespose Colleston	COMMONWEALTH OF DEPARTMENT OF ENVIRENCE OF LAND DISPOSAL IN	ONMEN ID PROT	TAL RESOU FECTION FOR REPOR	RECEIVE RCES NOVE 1374	. /	3 E
IC-Co	ompliance; NC-No	on-Compliance; NA-Non-Ap	oplicable) C NC NA				C NC NA	
A.	75.43, .93	Access Road		P.	75.92	Standby Equipment		
В.	75.44, .94	Weighing or Measuring Facilities		a.	75.96	Size of Working Face		
C.	75.45	Communications	\square	R.	75.97	Control of Blowing Litter		· -
D.	75.46	Fire Protection	\square	S.	75.98	Burning		
E.	75.47	Limited Access	\square	т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage		v.	.112	Thickness of Cells	四口口	
H.	75.50	Vector Control		w.	.113	Daily Cover		
. l.	75.51	Accident Prevention and Safety		X.	.114	Intermediate Cover		-
j.	75.52	Employee Facilities		Υ.	.115	Final Cover		
K	. 75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
	7,75.82	Cover Material		AA.	.117	Bulky Waste		. 2
M.	75.84	Prevention of Ground Water Pollution		88.	.118	Placement in Ground Water		• ;;
N.	75.85	Drainage of Surface	<u>,</u>	CC.	.119	Final Grading & Seeding		•
17.	19.09	Water	ليكسا لسسا	DD.	.121	Continued Maintenance		•••
0.	75.91	Equipment				After Operations Have Ceased	200132	

		isposal Facility hovak Mages	al
	na a na maistra a galain		
· .	D D	ate	
15.51 an a	cident prevent	in and seffy on	8 gome
is pu	ecident prevent redel for the ser	ℓ .	
	Dattertier is		
	wetire of the		
Concerning H	le grade, Fil	I markers one	nudal
in the one	a of the inters	etion.	
	Callet all the base	tun meder on i	ic .
bulky west	disposal enea.	die lapment 9	
grade refere	disposal enea,	at the Casters	End
11.	K. I to Bull		

Separting nt pri Egy Avaut Chtail Posources Representative

Laws Hard

Mur	nicipality	wh Whitek	ad	•) \ ldentificatio	n No. 100 S	-34
Cou		igh					Date 11/08/	174
			COMMONWEALTH OF DEPARTMENT OF ENVIRON BUREAU OF LAND DISPOSAL IN	D PROT	TAU RESOU	ECEIVED ROLLS OF SULID HASTE		
		Disposal Facilit			: //	Proprietor		
Nam	ne hova	k Hisporel	lite	Nam	. Lavi	I hovek		
Add	ress RA	# 2		. Add	ress R	J# 1 all	retown to	2
	alle	stown Pa						
(C-C	ompliance; NC-No	on-Compliance; NA-Non-Ap	oplicable)					
			C NC NA				C NC NA	
A.	75.43, .93	Access Road		P.	75.92	Standby Equipment		
8.	75.44, .94	Weighing or		Q.	75.96	Size of Working Face		
c.	75.45	Measuring Facilities Communications		R.	75.97	Control of Blowing Litter		٠.
Ð.	75.46	Fire Protection	\Box	S.	75.98	Burning		\bigcup
E.	75.47	Limited Access		Т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage			***			
н.	75,50	Vector Control		V.	.112	Thickness of Cells		
i.	75.51	Accident Prevention		W.	.113	Daily Cover		
•		and Safety	· · · · · · · · · · · · · · · · · · ·	Χ.	.114	Intermediate Cover		•
J.	75.52	Employee Facilities		Υ.	.115	Final Cover		
K.	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
L	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		. =
M.	75.84	Prevention of Ground Water Pollution	\Box	88.	.118	Placement in Ground Water		
N.	75.85	Drainage of Surface		CC.	.119	Final Grading & Seeding		•
		Water		DD.	.121	Continued Maintenance After Operations Have		<i>\doldoo</i>
0.	75.91	Equipment				Ceased	200134	

ER-BLP-09 REV. 3/74

Disposal Facility Roreak Suspensal Lite
ID# 100534
Date

75.51 an accellent prevention and saffy program is needed for the site.

75.97 Additional Control of blowing litter needed at the South Eastern Ones of the site to frevent the spread of letter during seriods of valording.

ORIGINAL Redjust

I Resources Representative

Trus /- / Operator

Disposal Facility	Cour	icipality 1.	Whiteheld light	COMMONWEAL DEPARTMENT OF EN BUREAU OF LAND DISPOSA	IVIRONMEN LAND PROT	TAL RESO	RECEIV DIVISION OF SOLID NOV 2 1 19	WASTE 74	1-74
A. 75.43, 93 Acces Road		01	1/	el Area		(L)	is J. Rovak A Alberton	n ta 1.	1109
A. 75.43, 93	(C-Co	mpliance; NC·N	on-Compliance; NA-Non-A	pplicable)					
Measuring Facilities	A.	75.43, .93	Access Road	C NC NA	P.	75.92	Standby Equipment	C NC NA	
C. 75.45 Communications 7	B .	75.44, .94			a.	75.96	Size of Working Face		
E. 75.47 Limited Access	C.	75.45			R.	75.97	*		
F. 75.48, 95 Unloading	D.	75.46	Fire Protection		S.	75.98	Burning		
G. 75.49 Salvage	E.	75.47	Limited Access		т.	75.99	Dust Control		
G. 75.49 Salvage	F.	75.48, .95	Unloading		U.	.111			
W113 Daily Cover	in property	ergenige in the			v.	.112			
and Safety X114 Intermediate Cover	, T.	• . . • •			w.	.113	Daily Cover	山口口	
X 75.53, .120 Operational Records					x.	.114	Intermediate Cover		
X 75.53 .120 Operational Records	J.	75.52	Employee Facilities		1	.115	Final Cover		
Characteristics M. 75.84 Prevention of Ground Water Pollution N. 75.85 Drainage of Surface Water DD121 Continued Maintenance After Operations Have	S.K.	75.53, .120				.116			
M. 75.84 Prevention of Ground Water Pollution N. 75.85 Drainage of Surface Water Water DD121 Continued Maintenance After Operations Have		75.82	-		AA.	.117	Bulky Waste		
N. 75.85 Drainage of Surface DD121 Continued Maintenance After Operations Have	M.	75.84	Prevention of Ground	\square	88.	.118			•
Water DD121 Continued Maintenance After Operations Have		75.05			cc.	.119	Final Grading & Seeding		
O. 75.91 Equipment Ceased	. M.	/3.83	-		DD.	.121			
1 "11" [[[[]]]] " [] "	0.	75.91	Equipment				Ceased	200120	

Disposal Facility novak Supposal Per
ID# 100534
Date

75.51 as aperational ord sefly program is needed for the site.

ORIGINAL Real NA

R. J. Horala Serator

Mur	P. 11	with White	·····	ID PROT	ECTION	RECEIVED DIVISION OF SOLID WASTE RCES NOV 2 6 1974	n No. 1005.	34
	2.	Disposal Facilit	7.1		S	Proprietor	k	
Nan	re flores	- Auspone s		Nam	7	BI 1		
A dd	ress A L	stown, Pa	15102	Addı	ress _/\	Elle tam 7	2 18	100
<u> </u>	ompliance: NC-No	n-Compliance; NA-Non-Ap	inlicable)			<u> </u>		·····
(0-0)	omphanes, 140-140	m-compliantes, 142-14011-2	C NC NA				C NC NA	
A.	75.43, .93	Access Road		Ρ,	75.92	Standby Equipment		
в.	75.44, .94	Weighing or Measuring Facilities		Q.	75.96	Size of Working Face		
C.	75.45	Communications		R.	75.97	Control of Blowing Litter		·•
D.	75.46	Fire Protection		S.	75.98	Burning		
E.	75.47	Limited Access		τ.	75.99	Dust Control		
F.	· 75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage		v.	.112	Thickness of Cells		
. н.	75.50	Vector Control		w.	.113	Daily Cover		
.i.	75.51	Accident Prevention and Safety		x.	.114	Intermediate Cover		
J.	75.52	Employee Facilities		Y.	.115	Final Cover		
K	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
ĮĽ.	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		•
M	75.84	Prevention of Ground	\Box	B B .	.118	Placement in Ground Water		•
•	7E 0E	Water Pollution		CC.	.119	Final Grading & Seeding		
N.	75.85	Drainage of Surface Water	الما لحاليا	DD.	.121	Continued Maintenance After Operations Have		
0.	75.91	Equipment				Ceased	200138	•
Spec	ify all violations i	indicate required corrective	measures and indicate abatemen	t time fo	er all NC item	s on page 2 of the Inspectio	n Report	

Disposal Facility North Superal Dife ID # 100534 75.43 The all-weather occes voil requires improveme to prevent the tracking of med o' deliver to the 75.48 Unloading requires additional control to grount 75.51 An accedent premision of early oragram is needed for the site. 75.85 Additional surface water drainage Control needed in the area of the entrane word. Contral of blowing letter needed.

partment of Endworkmental Resources Representative

Lacis J. Mova B

ER-	BLP 09 REV. 3/74		. "1			•		
- Mui	nicipality	while lite	<u>a</u>				n No. <u>10053</u>	4
	$\mathcal{L}_{\mathcal{L}}}}}}}}}}$	·h						171
Cou	inty_XXII		·		R	ECEIVED	Date//_29/	
			COMMONWEALTH C DEPARTMENT OF ENVIR	OF PENN ONMEN	ISYĮVANJĄ, TAU RESOUI	SION OF SULID WASTE		\sim
			BUREAU OF LAN	D PROT	ECTION D	ECS 1074	.	*
			LAND DISPOSAL IN	SPECTI	ON REPOR	TANACE		•
						- TOUGEMENT		
		Disposal Facili	iy a cold		11:	Proprietor		
Nan	ne homa	K des pos	Viti.	Nam	· Lau	ise / hor	ak	·
	Iress ZA	#1		Add		1141		
Add		00 L.	· · · · · · · · · · · · · · · · · · ·	Add	ess /	10.1	72 1810	a
•		lestown				unious,_	7a 1110	<u>/</u>
(C-C	ompliance; NC-No	on-Compliance; NA-Non-A	opticable)					
	,		C NC NA				C NC NA	
A.	75.43, .93	Access Road	\Box	P.	75.92	Standby Equipment	$\Box\Box$	
8.	75.44, .94	Weighing or Measuring Facilities		Q.	75.96	Size of Working Face		
		-	[R.	75.97	Control of Blowing		
C.	75.45	Communications				Litter		•
D.	75.46	Fire Protection		S.	75.98	Burning		
E.	75.47	Limited Access		T.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage				-	_	
H.	75.50	Vector Control		V.	.112	Thickness of Cells		
	75.51	Accident Prevention		W.	.113	Daily Cover		
• •	:	and Safety		X.	.114	Intermediate Cover		-:
J.	75.52	Employee Facilities	\Box	Y.	.115	Final Cover		
K.	75.53, .120	Operational Records		Z.	.116	Sewage Solids, Liquids		
**************************************		and Plan Execution				& Hazardous Wastes		
QL.	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		~
			-	BB.	.118	Placement in Ground		. *
Sept.	75.84	Prevention of Ground Water Pollution				Water	- '	
BA	75.05	Drainage of Surface	L 4 J []	CC.	.119	Final Grading & Seeding		
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance		··· //
0.	75.91	Equipment				After Operations Have Ceased	200140	
					e all NC itame		200140	

tinging ...

Disposal (Facility hovak Susposed Te	<u> </u>
	IDH 100534	
Date	11/29/74	
6		
tion	and seffy	
	. //	

75.51 An accelet prevention and program is needed for the site.

Lauis / Morske

Mui	nicipality	Disposal Facility	COMMONWEALTH O DEPARTMENT OF ENVIRO BUREAU OF LAN LAND DISPOSAL INS	DNMEN D PROT	TAL RESOUI	RECE DIVISION OF S	1974	5-34-
	dress RI	K Duposel H 2 Virpun, Fi	2 ditte	Nam Addi	Si di	1. koval 14 2 Vestauri Pa	1510	4
(C-C	Compliance; NC-No	on-Compliance; NA-Non-Ap Access Road	C NC NA	Ρ,	75.92	Standby Equipment	C NC N	IA
8.	75.44, .94	Weighing or Measuring Facilities		Q.	75.96	Size of Working Face		
c.	75.45	Communications		R.	75.97	Control of Blowing		
D.	75.46	Fire Protection		s.	75.98	Burning		\bigcup
E.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage		v.	.112	Thickness of Cells		
н.	75.50	Vector Control		W.	.113	Daily Cover		_ ·
	75.51	Accident Prevention and Safety		x.	.114	Intermediate Cover		_ <i>-</i>
J.	75.52	Employee Facilities		Y.	.115	Final Cover		3
K	75.53, .120	Operational Records and Plan Execution		Ż.	.116	Sewage Solids, Liquids & Hazardous Wastes		3]
	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste] :
M	€€€€ 75.84	Prevention of Ground		88.	.118	Placement in Ground Water		
, T		Water Pollution		CC.	.119	Final Grading & Seeding		3]
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance		<u></u>
0.	75.91	Equipment				After Operations Have Ceased	20	0142
Snac	rify all violations	indicate required corrective	measures and indicate abatement	t time fo	or all MC items	on page 2 of the Inspectio	n Report	

Disposal Facility Downk Supposed S.A.

In # 100534

Date 17/06/14

75.51 lu occident prevention and safty program is needed for the sit.

75.97 Additional blowing litter Control needed at the Southeastern and of the vidooding onea. Paper which los jumpel the Control few much be collected and incorporated in to the current left.

IJ.

Dury Hune".

Operator

Mun	nty Left	Disposal Facilit	COMMONWEALTH O DEPARTMENT OF ENVIRO BUREAU OF LAN LAND DISPOSAL INS	DNMEN DPROT	TAL RESOUR	RECEIVE DIVISION OF SOLID WAR RCES DEC 18 1974 T MANAGEMENT	Date 12/17 Date 12/17	724
	DI)#. 1			つ	1)# 2		
Addı	_al	Centours		Addı		Motaurs, F	a 15104	
(C-Cc	ompliance; NC-No	n-Compliance; NA-Non-Ap	pplicable)					
Α.	75.43, .93	Access Road	C NC NA	Р.	75.92	Standby Equipment	C NC NA	
8.	75.44, .94	Weighing or		Q.	75.96	Size of Working Face		
C.	75.45	Measuring Facilities Communications		R.	75.97	Control of Blowing Litter		-
D.	75.46	Fire Protection		S.	75.98	Burning		
E.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
. G.	75.49	Salvage -		V.	.112	Thickness of Cells		
∘.н. <i>Ээ</i>	75.50	Vector Control		w.	.113	Daily Cover		
Į.	75.51	Accident Prevention and Safety		X.	.114	Intermediate Cover		_
	75.52	Employee Facilities		Y.	.115	Final Cover		
K	75.53, .120	Operational Records and Plan Execution		Z .	.116	Sewage Solids, Liquids & Hazardous Wastes		
	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		~ ~
	75.84	Prevention of Ground Water Pollution		88.	.118	Placement in Ground Water		•
N.	75.85	Drainage of Surface		CC.	.119	Final Grading & Seeding		
		Water		DD.	.121	Continued Maintenance After Operations Have		. ` `
О.	75.91	Equipment				Ceased	200144	

Disposal Facility Harak Shipard Lite.
ID# 10053@
Date

75.51 On accident prevention and suffy program is needed for the set.

75.97 additional control of clowing letter will be needed at the Eastern and of the disposal once friend of the disposal once quier of the use of that area for winter sporteois.

5.53 Additional Engineering refusee points are needed along the Westernend of the Current fellowed to aid in maintaining the reguired slipe and final sub-grade.

Department of Environmental Resources Representative

Vicarion / Move /2

Mun	at P-09 REV. 3/74 sicipality	Dixposal Facility	COMMONWEALTH OF DEPARTMENT OF ENVIRON BUREAU OF LAN	ONMEN [®] D PROT	TAL RESOUR ECTION ON REPOR	RECEI DIVISION OF SOL	NASTE 975	7/74
Add	ress RV	H L ATOWN on-Compliance; NA-Non-Ap	oplicable)	Addr	W D	D#/ Plestawn,	Fa.	
A .	75.43, .93	Access Road	C NC NA	P.	75.92	Standby Equipment	C NC NA	
8. C.	75.44, .94 75.45	Weighing or Measuring Facilities Communications		Q.	75.96 75.97	Size of Working Face Control of Blowing Litter		
D.	75.46	Fire Protection		S.	75.98	Burning	夕口	$\overline{\bigcirc}$
€.	75.47	Limited Access		τ.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49 75.50	Salvage Vector Control		V.	.112	Thickness of Cells		
	75.50 75.51	Accident Prevention		w.	.113	Daily Cover		
		and Safety		X.	.114	Intermediate Cover		, -
	75.52	Employee Facilities		¥.	.115	Final Cover		
K	75.53, .120	Operational Records and Plan Execution	\Box	Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		, 2
	75.84	Prevention of Ground Water Pollution		88.	.118	Placement in Ground Water		•
N.	75.85	Drainage of Surface Water	$ \mathcal{P} \square \square $	CC.	.119	Final Grading & Seeding Continued Maintenance		••
O .	75.91	Equipment	口口	ou.	.14.1	After Operations Have Ceased	200146	<i>\(\)</i> ,

--

0.02036

O'Entrace nood must be maintained to provide all-weather occess to the disposail area. He confue must be maintained to prevent the tracking of mud and behis on to the sublic need severy the despoord site.

On apeational seffy program designed to snewerk according so media at he site.

epartment of Environmental Resources Representative

Operator Operator

Mu	BLP-09 REV. 374	Al White	COMMONWEALTH OF DEPARTMENT OF ENVIRONG BUREAU OF LAN	ONMENT D PROT	TAL RESOUR	RECEIVEL DIVISION OF SOLID WASS RECEIVED ACCESS AND 1975	n No. 1053	175
Nan	me Moval dress R 1	Si Posal Albrown	the state of the s	Name Addr		Proprietor News 19# 2 Vertawn,	K	
īc-c	Compliance; NC-No	on-Compliance; NA-Non-A	oplicable) C NC NA				C NC NA	
A.	75.43, .93	Access Road		P.	75.92	Standby Equipment		
8.	75.44, .94	Weighing or		Q.	75.96	Size of Working Face		
C.	75.45	Measuring Facilities Communications		R.	75.97	Control of Blowing		- -
D.	75.46	Fire Protection	\Box	S.	75.98	Burning		
E.	75.47	Limited Access		τ.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		٠
G.	75.49	Salvage		V.	.112	Thickness of Cells		
H.	75.50	Vector Control		w.	.113	Daily Cover		
	75.51	Accident Prevention and Safety		X.	.114	Intermediate Cover		-
	75.52	Employee Facilities		Y.	.115	Final Cover		
K	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
	75.82	Cover Material	\Box	AA.	.117	Bulky Waste		`*
M	75.84	Characteristics Prevention of Ground		88.	.118	Placement in Ground Water		•
74.7		Water Pollution	.	CC.	.119	Final Grading & Seeding		٠,
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance		***
0.	75.91	Equipment				After Operations Have Ceased	200148	

75.51 On scribert Prevention and seffy grogram is needed at the set.

epartment of Enviropmental Resources Representative

Janes Hard S

C. A. Costello Engineerin :o.
943 N. Seventh Street
ALLENTOWN PENNA 1810

LETTE! OF TRANSMITTAL

	ALLENTOWN,	PENNA. 1810∠					
	- . •		1	12-27	74	127	
	Phone 4	32-8524		TTENTION NR.	CARL	GITSCHIER	
٠ _	STATE HE	ALTH DEPARTME	:~7	NOVAK	_	TAIRY LANG	
		BRUAD STREET					
	BETHLCHEM			·			<u></u>
_	·	, FUNDA.					
			· -				
GENTI	EMEN:		<u> </u>				
	WE ARE SEND	ING YOU 🖾 Attached 🖽	Under separate co	ver via		the following ite	ms:
	☐ Shop drawin	gs 🗀 Prints	☐ Plans	☐ Samples		Specifications	
	□ Copy of letter	er ij Change order	X REP	ORT ON NO	VAR L	ANOFILL	
OPIES	DATE	10.	DESC	RIPTION		The State of the S	
/	12-27-74		ANDERL 1		MONTH		
		()2/2/2/2/2/	NNOZEC 1	= 200121.	PONTH	'''	
			·		·		
			•				
			·				
THECE	ARE TRANSMITTE	D as checked below:					
**********	☐ For approva	•	d as submitted	☐ Resubmit_	copies	for approval	
	☐ For your use			□ Submit	•	• •	
	☐ As requested	d 🔲 Returned					•
•	For review a	nd comment 🗆					•
	FOR BIDS	DUE	19 🖸	PRINTS RETURN	ED AFTER	LOAN TO US	
REMA	RKS		·		<u> </u>		
							
						Ball St.	
						······································	
 -		· · · · · · · · · · · · · · · · · · ·					
						20015	0
		· · · · · · · · · · · · · · · · · · ·	· —			PACT	
				·			
COBY	TO MR IN	IS NOVAK					•
JUP I	South White	HALL TWO MANAGE	R SIC	NED:	. 0	Lil. A.	

NOVAK

SANITARY LANDFILL REPORT

ROADS:

L.R. 39042 and T-593 clean-no mud or debris carried from landfill on to roadway. Surface and shoulders not damaged by heavy vehicles entering and leaving site

ACCESS ROADS:

Main road in fair condition for 600 feet South of T-593. Low spots will be drained and reconstructed with earth and crushed stone.

Road bordering South Side of central "basin" completed. Surface dry, and hard.

Road to Southeast earth storage area rough but passable. Entrance road to West center fairly smooth but muddy in places. Low areas will be drained and filled with stone and earth.

DEPOSITION AREAS:

East Center not yet in use. Surface of this "basin" fairly clean, i.e. the very small amount of light loose waste on its surface is firmly anchored in the clay. No pools of water of any significant size observed here.

East Side Demolition surface graded and covered with a layer of clay. This area used intermittently.



NOVAK

SANITARY LANDFILL REPORT

(Cont'd)

DEPOSITION AREAS:

West Center Still main deposition area. Elevation of fill approximately 6 feet above main access road. Southwest Sides of this section graded and covered with clay. Waste dumped in Southeast portion and graded to blend with "Old" existing roadway to Western part of Landfill, then surface will be covered with a layer of earth.

TRENCH:

Not used for the past 6 months. Storm water runoff which has accumulated here will be pumped out when weather permits. Pump will be maintained on standby until the trench is dewatered and ready for deposition of refuse.

FENCES:

Existing fences will be repaired and additional "stops" constructed as time and conditions permit.

WOODED AREAS:

Small amount of light waste in trees and brush at Southeast side of Landfill. Will be cleaned in near future. Woods and brush along South, West and Northwest Sides clean.

VERMIN:

Neither vermin nor smouldering or burning material observed anywhere on entire tract.

COMMENTS:

In general, well and safely operated. Suggestions will be implemented when time and conditions permit. That is, when business is slow and men and equipment can be used for repairs without interrupting regular deposition on the site.

INSPECTED BY:

Sepho Jalenho DATE: 12-26-74

Joseph Solinko

ATTEST: Quel a. Costolo

C. A. COSTELLO ENGINEERING CO. ALLENTOWN, PA. 18102

	icipality	Whitehal	<u>/</u>			i Identificatio	n No. 10053	34
Cour	1ty	right		•			Date 01/09	
\bigcup			COMMONWEAI DEPARTMENT OF EI BUREAU OF LAND DISPOSA		,	RCESULVISION OF THE PROPERTY O		
Nam Addi	. C. +	Disposal Facility Response	<u>*</u> /	Name	ess A	Proprietor	1810c	
(C-Cc	ompliance; NC-No	n-Compliance; NA-Non-Ap	oplicable)				 	
A.	75.43, .93	Access Road	C NC NA	P.	75.92	Standby Equipment	C NC NA	:
8.	75.44, .94	Weighing or Measuring Facilities		ο.	75.96	Size of Working Face		
C.	75.45	Communications		R.	75.97	Control of Blowing Litter		٠.
	75.46	Fire Protection		s.	75.98	Burning		
E.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	1.111	Spreading and Compacting		
G.		Salvage		v.	.112	Thickness of Cells		
H.	75.50	Vector Control		w.	.113	Daily Cover		
	. 75.51	Accident Prevention and Safety		x.	.114	Intermediate Cover		
10.10	75.52	Employee Facilities		Υ.	.115	Final Cover		
EK.	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
	75.82	Cover Material Characteristics	位口	AA.	.117	Bulky Waste	\Box	
M.	75.84	Prevention of Ground		88.	.118	Placement in Ground Water		·
्रक् N.	75.85	Water Pollution Drainage of Surface		cc.	.119	Final Grading & Seeding		
	/	Water		DD.	.121	Continued Maintenance After Operations Have		•••
0.	75.91	Equipment	measures and indicate abat			Ceased	200 153	

Denait frences Environmental Resources Representative

ORICINA ORICINA

Lauis f. Moral

	cipality	Whitslall	<u>'</u>				n No. 1005.	34
Coun	ny Kehi	ok				RECEIVE	Dois 1/17	125
J	,	••• • • • • • • • • • • • • • • • • •		ALTH OF PENI		A DIVISION OF SOLE	ED /	· -
			DEPARTMENT OF BUREAU (ENVIRONMEN OF LAND PRO		JAN23 1975	YASTE	~
			LAND DISPOS	AL INSPECT	ION REP		' .]	
							<u> </u>	
		Disposal Facilit	<u>Y</u> (187)		¥	Proprietor	L	
Name	porch	anspiace		Nam	ne <i>7_(</i>	us I hom	M	
Addr	ess XI	7 1		Add	Icess	0011 2	<u> </u>	• •
		Estewn			_B	Westerness,	Ta	
(C-Co	mpliance; NC-No	n-Compliance; NA-Non-A	opticable		 -	 	·	
			C NC NA			and a second control of the second control o	CNCNA	
A.	75.43, .93	Access Road	中口	P.	75.92	Standby Equipment		
В.	75.44, .94	Weighing or		a .	75.96	Size of Working Face		
		Measuring Facilities		R.	75.97	Control of Blowing	四口口	
C.	75.45	Communications				Litter		
\mathcal{I}	75.46	Fire Protection		S.	75.98	Burning		
E.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage		\ _{v.}	.112	Thickness of Cells		
H.	75.50	Vector Control		w.	.113	Daily Cover		
1.	75.51	Accident Prevention and Safety		x.	.114	Intermediate Cover		
	75.52	Employee Facilities		Υ.	.115	Final Cover		
	75.53, .120	Operational Records		z.	.116	Sewage Solids, Liquids		
	70.03, .120	and Plan Execution		2.	.176	& Hazardous Wastes		
4	75.82	Cover Material		AA.	.117	Bulky Waste		
199	14 - C	Characteristics	-t -1	BB.	.118	Placement in Ground		
M.	75.84	Prevention of Ground Water Pollution			•	Water		
N.	75.85	Drainage of Surface		cc.	.119	Final Grading & Seeding		
: . j		Water		DD.	.121	Continued Maintenance After Operations Have		•**•
0.	75.91	Equipment				Ceased	406155	
<u> </u>	fy all violation	indicate required corrective			ne all NIC iso	ms on page 2 of the Inspecti	200155	

Disposal Facility Roads Mil	sporal like
	100539
Date 1/+7/75	

75.51 On accident prevention and suffy program is needed for the set.

ORIGINAL REDIVAL

Cours / Coperator

	nty	igh	COMMONWEALT DEPARTMENT OF ENV BUREAU OF L LAND DISPOSAL	IRONMEN AND PRO	TAL RESO	RECEIVED	n No. 1005 Date 1/22	734 173
Nam Add	iress P.T.	Disposal Facilie K Lingoou # 1 Linguis	O L£	Nam Add	ne_X	Proprietor anis Des 1 Eller Fours	rat Pa 18	104
(C-C	ompliance; NC-N 75.43, .93	Non-Compliance; NA-Non-A	c NC NA	P.	75.92	Standby Equipment		
В.	75.44, .94	Weighing or Measuring Facilities		ο.	75.96	Size of Working Face		
C.	75.45	Communications		R.	75.97	Control of Blowing Litter		
\bigcup	75.46	Fire Protection		s.	75.98	Burning		,
E.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage		v.	.112	Thickness of Cells		
H.	75.50	Vector Control		w.	.113	Daily Cover		
***	75.51	Accident Prevention and Safety		x.	.114	Intermediate Cover		
-	75.52	Employee Facilities		٧.	.115	Final Cover		
N.	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		•
	275.82	Cover Material Characteristics		AA.	.117	Bulky Waste		
M.	75.84	Prevention of Ground		88.	.118	Placement in Ground Water		
	75.05	Water Pollution	- []	CC.	.119	Final Grading & Seeding		
, N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance		•••
0.	75.91	Equipment				After Operations Have Ceased	206157	

	Disposal Facility Royal Sisperal Site
	TD # 100534
	Date 01/22/75
75.51	On aprational and seffy grogram is needed

for the site.

Tours / 1/

Operator

C. A. Costello Engineerir Co. 943 N. Seventh Street ALLENTOWN, PENNA. 18102

	.,	-
LETTE).	OF TRANSMITTA	7[

Phone 432-8	- 3 524	1-28.75 \ JOB NO 127	. ,
		MR GITSCHIER	
MR CARL	G'ITSCHIER	_ NOVAR SAMITARY LAND	EIL
STATE HEALTH	DEPARTMENT.		
520 EAST B			 -
BETHLEHEM, P			
Devices //			
NTLEMEN:			
WE ARE SENDING	YUU Attached : Under sep	arate cover viathe following it	tems:
Shop drawings		Plans 🖸 Samples 🖸 Specifications	
Copy of letter	Change order	MONTHLY REPORT OM LANGELL	<u>.</u>
ES DATE NO		DESCRIPTION	
1-24.75	MONTHLY KEPOR	TON NOVAK SANITARY LANGE	<u> </u>
			··· ··
	· · · · · · · · · · · · · · · · · · ·	للمن المنظمة المن عد عدد المنظمة المنظ	
			
4	***************************************		
IESE ARE TRANSMITTED AS	checked below.		
! For approval	. Approved as subm	itted Resubmitcopies for approval	
. For your use	Approved as noted	Submitcopies for distribution.	
As requested	Returned for corre	ctions Return corrected prints	
For review and c	on-ment		
FOR BIDE QUE	19	PRINTS RETURNED AFTER LOAN TO US	
MARKS			=
		en de la companya de La companya de la co	
		The second secon	
	· · · · · · · · · · · · · · · · · · ·		
	in the second se		
and the distance of the same o			
	1	200159)
		-	
A A direct regulation in the contract of	مستند وسند بد بد بد سال درد د		· •

LOUIS NOVAK SNITTMEY LANDFILL REPORT

ROADS:

L.R. 39042 and I-593 clean. Surface unbroken and shoulders undamaged. Water from sideroad ditches does not enter the property via the main access road.

ACCESS ROADS:

Main road south in reasonably good condition despite unfavorable weather. Storm water flows from surface to ditches at foot of fill areas where it is readily absorbed. Road to east side demolition area in good condition. This road has been constructed on fill at the south side of the East Center deposition area.

Road to earth stockpiles in southeast section rough but passable.

DEPOSITION AREAS:

West Center still principal deposition area. Here the refuse is dumped, spread, compacted and covered with earth. The western end has been completed. Deposition is now progressing in a southeasterly direction to the grade stakes located at the existing fence, and will continue east toward the main access road until the "toe" of the fill reaches the bottom of the ditch. Deposition and stabilization will be completed here in about one month.

East Center "basin" not used. Surface in good conditioni.e. no light loose waste scattered about.

LOUIS NOVAK SAHATARY LANDFILL REPORT

(Cont'd)

LOSITION AREAS:

East Side Demolition Area used intermittently during past month. Surface covered with earth, except for a small part at top of slope. This area will be covered within the next 2-3 days.

TRENCH:

Water will be pumped out in the near future. Sides, though nearly vertical appear to be stable. Serves as a sump for the project.

FENCES:

Fence south of West Center Section in good condition. Additional fences will be erected in near future.

WOODED AREAS:

All trees and brush around perimeter clean. The small amount of waste caught in the trees near the southwest section has been removed.

VERMIN:

No vermin or burning or smouldering material observed on entire tract.

COMMENTS:

All operations appear to be conducted in a safe and orderly manner. And suggestions are readily implemented when time and weather conditions permit.

INSPECTED BY:

he DATE: 1-24-75

Joseph Solinko

ATTEST: Charles a Constello

C. A. COSTELLO ENGINEERING CO. ALLENTOWN, PA. 12102

Weikhe -ER-BLP-09 REV. 3/74 Municipality .

Identification No. 100534

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES **BUREAU OF LAND PROTECTION**

LAND DISPOSAL INSPECTION REPORT

						·		<u> </u>
Nan	ne nox	Disposal Facility Wisper	al Sik	Nam	e_Xer	Proprietor J.	ronak	
. Add	ress	1···		Addı	ess RI	D# 1		
	All	hows,	2		_A	Chitan F	18104	· · · · · · · · · · · · · · · · · · ·
(C-C	ompliance; NC-No	on-Compliance; NA-Non-Ap	opticable)	<u></u>				
Α.	75.43, .93	Access Road	C NC NA	Ρ,	75.92	Standby Equipment	NC NA	
8.	75.44, .94	Weighing or Measuring Facilities		Q.	75.96	Size of Working Face		
C.	75.45	Communications		R.	75.97	Control of Blowing Litter		
D.	75.46	Fire Protection		S.	75.98	Burning	\Box	
E.	75.47	Limited Access		Т.	75.99	Dust Control		
F.	75.48, .95	Unloading		u.	.111	Spreading and Compacting		
G.	75.49	Salvage		v.	.112	Thickness of Cells	$ \Box $	
H.	75.50	Vector Control		w. ·	.113	Daily Cover		
	. 75.51	Accident Prevention and Safety	المالط	X.	.114	Intermediate Cover		-
	75.52	Employee Facilities		Υ.	.115	Final Cover		
K.	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
Ĭ.	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		¥
M	75.84	Prevention of Ground Water Pollution		88.	.118	Placement in Ground Water		
N M	75.85	Drainage of Surface		cc.	.119	Final Grading & Seeding		
		Water		DD.	.121	Continued Maintenance After Operations Have		
0.	75.91	Equipment				Ceased	200161	

Disposal Facility Rorch Suspensel -ID # 100 534 75.43 Entrare voas insdification required prim to manay the desposal aprotion in order to Braid all-weather aperation. 75.51 Accident presentin and self for your predict for the 75.85 Operation of the set must be conducted in a method that will present the persolation of senfare water which may develop water vallution. 75.97 Blaving litter control will be needed in the porth west one prior to study the place out apration by final goods in that and.

epaument of Environmental Resources Representative

Kum / Marker ".

ER-	81.9.09 REV. 3/7	4						i i
Mur	nicipality 🛴	Whiterell				Identificatio	n No. <u>/0053</u>	4
Cou	inty	ligh	<u></u>				Date 02/06/	175
			COMMONWEALTH DEPARTMENT OF ENVIR BUREAU OF LA LAND DISPOSAL IN	RONMEN ND PROT	TAL RESO	PICES - 3 1972	D	- <u>-</u> -
		Disposal Facilit	iy .			Proprietor	J	
Nan	ne Aguas	K Dr. posul	Lit .	Nam	e Zas	ies J. No.	rek	· .
. Ad d	iress	-7-		Add	ress.	ZD#1		·
	_00	lestown. To			1	llestown,	Pa 1810	a
īc-c	ompliance; NC-No	on-Compliance; NA-Non-A	opticable)	 				
*	9 under	1 1	C NC NA	-		The second secon	CNCNA	
Α.	75.43, .93	Access Road		Р.	75.92	Standby Equipment		•
В.	75.44, .94	Weighing or Measuring Facilities		Q.	75.96	Size of Working Face		
C.	75.45	Communications		R.	75.97	Control of Blowing Litter	9 🗆 🗆	٠
D.	75.46	Fire Protection		S.	75.98	Burning		\bigcup
E.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage		v.	.112	Thickness of Cells		•
H.	75.50	Vector Control		w.	.113	Daily Cover		
	175.51	Accident Prevention and Safety		X.	.114	Intermediate Cover .		-
	.75.52	Employee Facilities		Υ.	.115	Final Cover		
X K	, 75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
L	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		; =
M.	75.84	Prevention of Ground	\square	B B .	.118			
		Water Pollution		cc.	.119	Final Grading & Seeding	9 -	
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance		•••
0.	75.91	Equipment				After Operations Have Ceased	200163	3

75.51 On accident prevention and safty profrom is meded for the site.

75.85 Additional Grades must be latables hed in the one with the fill is being conducted and in the with the with the with the frozented full meter will be drawed away from the projected full ones.

25.97 Additional little Control is weeked in the North

75.119 final grade elevations must be established and followed in the over name being week and commy to grade. This is the own west of the existing entrone road.

ORIGINAL IREDINAL

partment of Environmental Resources Representative

Louis 1. Morale

ER-E	3LP-09 REV. 3/74	7 . 0 1 11	1 -			_		
Mun	nicipality	Whitehall				Identification	on No/00535	Z
	4	ink				/ Identinoatio	_ 1 1	10.5
Cou	nty_AZA	7				1 82	Date 07/2//	<u> </u>
			COMMONWEALTH	_			air.	~ /
			DEPARTMENT OF ENVIR BUREAU OF LAN			ICES	(5)	*
						_ //	37.2	•
			LAND DISPOSAL IN	SPECTI	ON REPOR	Tanuagen 5		
		·				MANAGEMENT 5	<u>' </u>	<u> </u>
	Ω.	Disposal Facilit	<u> </u>		1	Proprietor		
Nam	e horak	Nesposal	Jeta :	Name	Lavis	J. Swal	<u> </u>	
	· -)	1			7	/1		
.Add	ress	7 (Addr	ess	10 1 1) 	 -
	- CELL	Lidowy	· · · · · · · · · · · · · · · · · · ·			Westrin, Pa	18109	
						·		
_		m-Compliance: NA-Non-Ac						
7 '	n what	Uisine	C NC NA	-		South many (1995) and the second seco	C NC NA	
A.	75.43, .93	Access Road		P.	75.92	Standby Equipment		•
в.	75.44, .94	Weighing or		a.	75.96	Size of Working Face		
		Measuring Facilities		_	75.97	Control of Planning		
C.	75.45	Communications		R.	75.97	Control of Blowing Litter		
•	75.40	Fire Branchine			75.09	Duraina		. 1
D.	75.46	Fire Protection		S.	75.98	Burning		
E.	75.47	Limited Access		τ.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and		
_						Compacting		
G. پکتانی	75.49	Salvage	[] []	V.	.112	Thickness of Cells		
H.	75.50	Vector Control						
C	લું જિલ્લા સુ 75.51	Accident Prevention		W.	.113	Daily Cover	الاللالا	
		and Safety		X.	.114	Intermediate Cover		•
	. 75.52	Employee Facilities		Υ.	.115	Final Cover		
77.								
IK.	y 75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		,
1.511			L-X-1				ORIGIN TO	
	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		• •
				BB.	.118	Placement in Ground		
M.	75.84	Prevention of Ground Water Pollution				Water		
	ح ن عن	TACE TOURIUM		CC.	.119	Final Grading & Seeding	$Q \square \square$	
N.	75.85	Drainage of Surface			104	O-Man - 4 4 4 1 -		•••
		Water		DD.	.121	Continued Maintenance After Operations Have		
Ο.	75.91	Equipment				_ i	200165	- - -
						<i></i>	PATOR	_

Disposal Facility Anus Augustal Jete

ID# 100534

Date 02/21/75

At the line of the lumbation who with was buy approached as

ORIGINAL REGINAL

Lauis/ Morele

ER-B	3LP-09 REV. 3-7		_					
Mun	nicipality	Whitehell				Identification	No. 1005	34
Cou	nty Like	jh	·		ſ		Date 0 2/2	1/25
			COMMONWEALTH	OF PENN	ISYLVANIA	RECEIVE		
			DEPARTMENT OF ENVIRONMENT OF LAN			4.245	TE A	
					- 1	MAR 4 1975		•
			LAND DISPOSAL IN:	SPECTI	ON REPOR	T MANAGEMENT	3	
	· · · · · · · · · · · · · · · · · · ·	Disposal Facilit	<u>y</u>	 -	. /:	Proprietor		
 Nam	e Dova	K Nigard	Bu	Nam	Xan	A Kreek		··
	100	D# 2		Addı	-	# 1		
. Add	ress		\supset	Addi	ess — L	10.1	Pa 181	
	410	en Bury 7	-a			remoun,	1 de 11	0 4
(C-C	ompliance; NC-No	on-Compliance; NA-Non-Ap	oplicable)					
*	9 Under	Constructi	C NC NA			and the second s	CNCNA	
A.	75.43, .93	Access Road	9	Р.	75.92	Standby Equipment		
В.	75.44, .94	Weighing or		a.	75.96	Size of Working Face		
		Measuring Facilities		R.	75.97	Control of Blowing		
C.	75.45	Communications				Litter .		
Ď.	75.46	Fire Protection		S.	75.98	Burning		\(\)
E.	75.47	Limited Access		Τ.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and		
G.	75.49	Salvage				Compacting		
H.	75.50	Vector Control		V.	,112	Thickness of Cells		
60°-6	75.51	Accident Prevention		W.	.113	Daily Cover		
	73.31	and Safety	المبال	X.	.114	Intermediate Cover		•
	a 75.52 2 16234	Employee Facilities	\square	Y.	.115	Final Cover		
. K	75.53, .120	Operational Records		z.	.116	Sewage Solids, Liquids	- R. 3	
独立	Charles and the control of the contr	and Plan Execution				& Hazardous Wastes	RealNAL	
	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		5
7	al-rack.	+ -		88.	.118	Placement in Ground		
M.	~ /0.84	Prevention of Ground Water Pollution				Water	——————————————————————————————————————	
N	75 .85	Drainage of Surface		CC.	.119	Final Grading & Seeding		
	•	Water	لبسا لبحد سید	DO.	.121	Continued Maintenance		•••. \
0.	75.91	Equipment ,				After Operations Have Ceased	20016	
Spec	ify all violations.	indicate required corrective	B measures and indicate abatemen	t time fo	or all NC item	s on page 2 of the Inspection	n Report	

Dis	posal Facility/	nounk.	Sa	ar l	J
		ID			
Dat	e_02/	127/2	75		

75.85 Hose areas where surface wat is Calleted ment we graded to present the depelopment of leadate.

75.97 Additional letter control facilities are needed the eastern and of the disposal and for several to seement letter from leaving the superior has are must be calleded only incomporated in the Course of the

75.112 Intermediate cover is needed in the ones. That has been used for disparal located south of ones now acing and for fill sit.

OFICINAL Medy NA

paging ent gi Environmental Resources Representative

Land Mark

-		icipality	wh Whiteh	1 - 17 L		•	Identification	n No. <u>/0053</u> 9	<u>_</u>
7	Cour	nty Lli	igh	COMMONWEALTH OF DEPARTMENT OF ENVIRON BUREAU OF LAND DISPOSAL INS	DNMEN D PROT	TAL RESPU	RECEIVEI DIVISION D. S. LID WAS RCES MA! 1 1222	Date 03/06	
	Nam Addı	Dovak, Jess Rich	Disposal Facility Aurel Fell There Fa	у	Nam Addi		Proprietor J. Mary Uhbum, To	k - 18100	Tar engle
		ompliance; NC-No	on-Compliance; NA-Non-Apr - Construct	C NC NA			magnine or companies approximately to	C NC NA	
	A.	75.43, .93	Access Road		P.	75.92	Standby Equipment		
	8.	75.44, .94	Weighing or Measuring Facilities		Q.	75.96	Size of Working Face		
(C.	75.45	Communications		R.	75.97	Control of Blowing Litter		
	D.	75.46	Fire Protection		S.	75.98	Burning		
	E.	75.47	Limited Access		т.	75.9 9	Dust Control		
	F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
	G. >∵	75.49	Salvage		V.	.112	Thickness of Cells		
	H. Fra 1.	75.50	Vector Control		w.	.113	Daily Cover	\square	
	1.	75.51	Accident Prevention and Safety		X.	.114	Intermediate Cover		_
15.7	J	. 75.52	Employee Facilities		٧.	.115	Final Cover		,
	K	75.53, .120	Operational Records and Plan Execution		Ž.	.116	Sewage Solids, Liquids & Hazardous Wastes	Medyal 3	
2		75.82	Cover Material		AA.	.117	Bulky Waste		¥
	M.	75.84	Characteristics Prevention of Ground		B B .	.118	Placement in Ground Water		•
			Water Pollution		CC.	.119	Final Grading & Seeding		
	N.	75.85	Drainage of Surface Water	i	DD.	.121	Continued Maintenance		
	o.	75.91	Equipment				After Operations Have Ceased 20	0169	

Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspection Report.

Disposal Facility Rossof shapesal Quess

The 1005 34

Date 03/06/75

The Earlien End of the Enterne of the Earlien End of the Green End of the Green End of the Green End of the Course of the Course of the Earlies of Encomposated in to the Course of the C

Spartment of Environmental Resources Representative

ORIGINAL REGINAL

Lauis / Horak

H710/117 Rev. 3-71

2/10/15

DEPAR IMENT OF ENVIRONMENTAL RESUSSOES

WATER OR WASTE QUALITY REPORT

CASE NAME (PERMITTE	NOVAK	SIF		• is •		*****	•	NEW CA	LSE	
THUR. R.)	EHI6H	D. MUNICI	O.	Whi	tehall	Tw	E. PROC	TW-	· SC	_F
F. SOURCE OR RECEIVING	STREAM AK WE	=/_		G. TRIB	IDE S				,	1.
H-COLLECTED BY	6:11	LB.	Ral	Ike		SAMPLE N			I	
CARD NO. (7)	2	CARD NO.	14		3	CARD NO	. (7)	SOLIDS		4
DATE (8-13)	087Z	LAB. NO.	(8-10)		COJ	TOTAL	(8-13)		$\overline{}$	1 4 :
TIME (14-17)	Am	DATE ANAL.	(11-14)	MON	3 16	VOL.	(14-18)			
REASON SAMPLED (18)	Z	APPEARANCE		. L		FIX.	(19-23)			
SAMPLED (19-22)		COLOR	(18-20)			SUSPEND	(24-28)			
PERIOD (23)	1	ODOR	121-23/			VOL.	(29-33)			
TYPË TŘĚAŤ. (24)		TURS.	(24-23)	-	·	FIX.	(34-38)	-	<u> </u>	$\vdash \downarrow$
FLOW BASIS (25)		рН	(29-31)	ند به سمایی د		SETTLE	(09-43)	4	-1	
FLOW (26-30)		ALK.	132 361		V TO V WARRIED TO 15.	: ADD, CAR	RD -441			
FLOW COND. (31)	<u> </u>	6점4				OM OPAC			· 	: 5
pH (35-37)	American Strains	p4.	-1 45			360.	·6-13i			-
D.O. (38.40)	:. <u></u> ; <u></u>	TOTAL			0.3		2 ju	: i	-	
TYPE HAL. (41)	- !	sc.	(51-35-			VH 4-72	32 271		0 5	
HALOGEN (42-44)		Mn	(56-60)			7-13-11 1-13-11)		0.5	
STD. ANAL. (45-46)	50	Fe ^{tt}	(61-85)		- (is Notes			3	65
	Annual Control of the	T.O.C.	a gr	_	· · · · · ·	0	34	:		55
STREAM GAGE		0.00	73.7:		• • •					
INDUSTRIAL WA	STESUNLY	೨೯೬೧, ೧(೧) °		• • •			1.	ORIGIA.	 	
- Country - Coun	A CONTRACTOR OF THE PROPERTY O	sports :						ORIGINAL Redjinal		
Maur.		indian services.			•	2 ⁵⁵⁵ 11 (4)	. 4-46	*** T 1:	:3T	[:
REMARKS (APPEARANCE)	•	-	**************************************					7	. •	
	• .									•

200171-

TOMMONWEALTH OF PENNSYLV () TO A TMENT OF ENVIRONMENTAL RESUSECES

#2

WATER OR WASTE QUALITY REPORT

NOVAK SL	F		•	and the second second	NEW CASE
JEHIGHT	D. MUNIC	COh. t	ehall Twp		W-SLF
Donald L	App h	x// -	Kitchen to	P	
Krayb, 11	O. CHENST	lcha	ther "	SAMPLE NO. (1-6)	
CARD NO. (7) 2	CARD NO.	· (7)	3	CARD NO. (7	SOLIDS 4
DATE (8-13' 0 3 0 8 7 2	LAB. NO.	(8-10)	005	TOTAL (8-13)	
TIME (14-17)	DATE ANAL	. (11-14)	MONTH DAY	VOL. (14-18	B)
REASON SAMPLED (18)	APPEARANC	E (15-17)		FIX. (19-23)	
SAMPLED (19-22)	i; ! color	(18-20)		SUSPEND (24-28)	
PERIOD _E (23)	ODOR	(21-23)		VOL. (29-33)	
TYPE THEAT. (24)	 Tu qa .	(24-23)		F1X. (34-38)	
FLOW BASIS (25)	. ън	:29-31 <i>-</i>		SEFTLE (30:43)	
FLOW (26-30)	ALK.	(3 2 -36)		ADD CARD (44)	
FLOW COND. (31)	. ::स <u>.</u>			CARCING (7)	.5
TEMP. (C) (32-54)	ρH.	-:1-4 5	1111	300 310	
pH (35-37)	77-2	ið á á	0.1	100 Att.	
D.O. (38-40) TYPE HAL. (41)	so.	(31)65		1.0.1	
HALOGEN (42-44)	Mn	(56-60)		(1년) 4년 22-27년	0.5
STD. ANAL. (45-46) 50	Fe ⁺⁺	'31-35'		445 V 1347	
	T.O.C.				330
STREAM GAGE	:. c .o.o	· · · · ·	<u> </u>		2/
INDUSTRIAL WASTES ONLY	in 59 €0 C CCC				
CLASS:			·	•	
Drive Dyn Lengt (Deliot)				2.8 H #2.6	4. 102: 14:47
REMARKS (APPEARANCE)					0,_

2001-72-

3/10,75 H710.11A Rev. 3 71 "CHMONWEAL DEPART OF เปลียย์ช WATER OR WASTE QUALITY REPORT A. CASE NAME (PERMITTEE) REGION D. MUNICIPALIT E PROGRAM IIIW EHIGH F. SOURCE OR REDEIVING STREAM CARD NO. (7) CARD NO. 3 CARD NO. (7) SOLIDS MONTH LAB. NO. (8-10) TOTAL DATE (8-13) (843) MONTH DAY TIME $\{14-17\}$ VOL. (14-18) DATE ANAL. **REASON SAMPLED (18)** FIX. (19-23)APPEARANCE (15-17) SAMPLED (19-22) SUSPEND (24-28) COLOR (18-20) PERIOD, (23) (29.33)VOL ODOR (21-23) TYPE TRÊAT. (24) FIX. (24.38)TURE. (24-28) **ELOW BASIS** SETTLE (25) (39.43) Hig 129-31) (26-30) FLOW ADD, CARD ALK. 132-369 FLOW COND. (31) CARD NO. (7)P. (C) (32-34) 305 95-1 B 1.45 ρН (35-37)4.70 43.50 0.0. (38.40) ∵o ,⊸. 10000 TYPE HAL. (41) 30. 31-65 MH / A 22 271 HALOGEN (42-44)Mo (56-60) 41,5 (19.00) าฮท้ารส STD. ANAL. (45-46) N. 100 STREAM GAGE INDUSTRIAL WASTES ONLY CLASS: ... REMARKS (APPEARANCE)

ER-E	BLP-09 REV. 3/74	٠, ,	1					
Mun	icipality	wh White	7 - F			. Identificatio	n No.10053	<u>z_</u>
Cou	nty Leh	igh				RECEIVE	Date 93/27/	25
			COMMONWEALTH O			DIVILION O. SOLID IV	SIE .	•
			DEPARTMENT OF ENVIRONMENT OF LAN			RCES MARY 10 1375	i i	
			I AND DISCOSAL INS	PECT	ON BEDGE			•
			LAND DISPOSAL INS	PEGII	UN REPUR	4 I MANUAGEMENT	- 1	
		Disposal Facilit	y	<u> </u>	- Inque	Propriétor*	*****	
Nam	hovsk	Lord Fil		Name	Lan	is-Thou	zk	
Add	7	£1				Ž.		
Add	as The	stown 1	14104	Addr	\mathcal{A}^{ess}	Un hours	Pa 1810	4
								
	~ // /	on-Compliance; NA-Non-Ap	opticable)				· · · · · · · · · · · · · · · · · · ·	
×	y una	- Construct	C NC NA			en ya ar e i yi yi reminiya e e eyeriye. Yilisaniye e	C NC NA	
A.	75.43, .93	Access Road	19	P.	75.92	Standby Equipment		
8.	75.44, .94	Weighing or Measuring Facilities		Q.	75.96	Size of Working Face		
C.	75.45	Communications		R.	75.97	Control of Blowing		
D.	75.46	Fire Protection		S.	75.98	Burning	\Box	~~~
E.	75.47	Limited Access		т.	75.99	Dust Control	\square	
					.111	Cdised		
F.	75.48, .95	Unloading		Ü.	.111	Spreading and Compacting		
G.		Salvage		V.	.112	Thickness of Cells		
estimate the second	75.50	Vector Control		W.	.113	Daily Cover		
	.75.51	Accident Prevention and Safety		X.	.114	Intermediate Cover		-
	. 75.52	Employee Facilities	□□	Y.	.115	Final Cover		
K.	75.53, .120	Operational Records and Plan Execution		Ż.	.116	Sewage Solids, Liquids & Hazardous Wastes		
21.0	275.82 ···	Cover Material		AA.	.117	Bulky Waste		
经验		Characteristics						-
M.	75.84	Prevention of Ground		B 8 .	.118	Placement in Ground Water		
****		Water Pollution		CC.	.119	Final Grading & Seeding		
N.	75.85	Drainage of Surface						•••
		Water		DD.	.121	Continued Maintenance After Operations Have	السالسالسا	. J
· O.	75.91	Equipment				Ceased	200174	

Disposal Facility March Lind Lill TD# 100534 Date 03/27/75 75.98 additional blaving little Central Equipment : needed at the mee line to the East of the distributed that letter control fere be constructed on the Northern edge of the Entrance road to the On shirts area. 75.117 Eteratoris one melded at the topping it to this one of continue for final grade catablished in that one. All leadition works much be processed to needed. final come wout the applied and the over send their, and. seeled in the disposed over now being and. Os final oracles and brainings construction beta one available.

ertment of Environmental Resources Representative

Lous / / work

Reading Office April 7, 1975

Industrial Waste
Landfill
South Whitehall Township
Lehigh County
Novak Sanitary Landfill, Inc.

Emil Washko Solid Waste Director

Richard L. Kraybill Geologist

During a review of the solid waste file of the above-captioned case, I noted that a Groundwater Module Phase II was not present in the file, nor were quarterly and annual analyses from any of the proposed monitoring points. Since this is a permitted site and a paragraph in the permit indicates that a Groundwater Module Phase II should be submitted, it may be to our advantage to contact the Novak's and request this data.

If I can be of any help to you in this matter, let me know. When Mr. Novak begins to submit quarterly analyses, I would, as in other cases, appreciate seeing the results and recording them for analysis.

RLK:mg

c.c. Water Quality - Geology

200176

 $(\alpha \otimes i)$

ER	BLP-09 REV. 3/7	4	-31					A truška
Mu	nicipality	W hitel	<u> </u>	•	**	•) Ider-ification	No. 100534
Co	unty	righ	• · · · · · · · · · · · · · · · · · · ·					Date 04/09/75
<u></u>	j	-	COMMONWEA DEPARTMENT OF E BUREAU OF	NVIRONMI F LAND PR	ENT	AL RESOUR	RECEIVI CES DIV. 315 - OF SECENT API 1 1 137	ED NASTE
		* ·				<u></u>		.1
	me JAVA dress R.1	Disposal Facility Reposal Allutaur	Sile :	A	ame ddr <u>i</u>	6	is J. Mar 2 allert	rak un
		•	_ \$ *					
				_			· · · · · · · · · · · · · · · · · · ·	· ·
īc.		on-Compliance; NA-Mon-Ap						
	75.42.02	Assem Pond	C NC NA		• .	75.02	Candhy Environment	NC. NA
A. B.	75.43, .93 75.44, .94	Access Road Weighing or		P.		75.92 	Standby Equipment Size of Working Face	
		Measuring Facilities						
C.	75.45	Communications		R.	•	75.97	Control of Blowing Litter	
ī	75.46	Fire Protection		s.		75.98	Burning	
Ę.	75.47	Limited Access		т.		75.99	Dust Control	
F.	75.48, .95	Unloading		υ.		.111	Spreading and Compacting	
G.	75.49	Salvage 5-3 -\$ma*: 10		V.	• .	.112	Thickness of Cells	
H.	75.50	Vector Control			i	.113	Daile Course	
1.	75.51	Accident Prevention		l W	•	.173	Daily Cover	
至力		and Safety		×.	•	.114	Intermediate Cover	4111
- 3 J.	75.52	Employee Facilities		Y.	•	.115	Final Cover	
K.	75.53, .120	Operational Records and Plan Execution		Z.		.116	Sewage Solids, Liquids & Hazardous Wastes	
(L	-75.82	Cover Material Characteristics		A	A.	.117	Bulky Waste	
क्र≪् ॐ क्रांड्र M.	75.84	Prevention of Ground Water Pollution	900	В	3.	.118	Placement in Ground Water	
N.	75.85	Drainage of Surface	9	C	3 .	.119	Final Grading & Seeding	
	•	Water	·	DI	D.	.121	Continued Maintenance After Operations Have	
لم	ر 75.9 1	Equipment					Ceased	200177

Disposal Facility Morah dispersibilities

ID # 100534

Date 04/08/15

Date 04/08/15

Date 04/08/15

Direct Opphil in the Worth western one of the disposal operation is terminating. Prescrition for thing that most terminately. Prescrition for thing that most like hereby of menting the continuation of many than the levelop of the levelop of the superior war.

On had implicated.

Department of Environmental Resources Representative

Lacis 1 Mark

owners to be a served and the served

A 10 15 NOVAK

a as stable

SANITARY LANDFILL REPORT

ROADS:

L.R. 39042 and T-593 clean and in good condition.

Shoulders firm and undamaged by heavy vehicles.

Roadside ditches clean and divert water from main access road to landfill.

ACCESS ROADS:

Main road South from T-593 in reasonably good condition though somewhat rough in spots. Swale presently under construction parallel to road will be extended to Southeast section-the dispersal area for storm water. "Old" road to East side demolition area regraded and extended to Southeast section to provide access to soil stockpiles.

"New" road used only occasionally to reach East side demolition area.

Previously existing road to West Center deposition area now covered by refuse and topped by a layer of clay. Access to the area is now achieved by a short road approximately 200 feet North of intersection of Main Road and East road. This road is in good condition despite the fact that it is constantly used by heavy vehicles.

DEPOSITION AREAS:

East side demolition area used more frequently than in the past several months; waste deposited at top of slope and spread, and compacted preparatory to covering with a layer of clay. The East slope and bottom covered with soil.

Little or no light refuse, such as paper and/or plastic, scattered over the surface. West Center Section main deposition area on site. This area will be in use for 1-2 months. Upon completion, refuse will be covered with soil, graded and stabilized by vegetation.

Northwest, West and Southwest sections untouched since last reports. Earth banks along these sides are terraced.

last report. Earth banks along these sides are terraced and contain shallow swales which prevent large volumes of storm water from flowing onto adjacent cultivated and wooded areas. But small gullios have been incised into West slopes of the banks and a small amount of sodiment has been deposited in the wooded boundary area West of the Landfill.

NOVAK

SANITARY LAMBFILL REPORT

(Cont'd)

DEPOSITION AREAS:

The banks will be regraded in those areas affected by erosion, and eventually final grading and stabilization will minimize or eliminate entirely, erosion of the banks. The surface between the trench and East access road not used in past 6 months. Some loose sheet plastic and paper on surface but anchored firmly in clay. East Center Basin unused, Surface clean, Estimated volume 41948,4 cu. yds. Deposition will commence here after West Center Section has been completed.

Not used as deposition area. Presently serves as a "sump" for storm water runoff from entire project. Water which has accumulated in bottom will be pumped out and

TRENCH:

FENCES:

will be repaired where damaged by high winds and vehicles. These in Southeast section will be extended to provide additional protection to the wooded area immediately adjacent to them.

discharged onto vegetated area South of the trench. Sides are nearly vertical, but appear to be stable.

WOODED AREAS:

Paper and sheet plastic will be removed from trees and shrubs and disposed of in the Landfill proper.

VERMIN:

None observed anywhere on site. Also, no smouldering or burning material on any section of Landfill.

COMMENTS:

In general, operated in a safe manner. Owner accepts and implements suggestions as soon as possible. Estimates of volumes of proposed deposition areas, shrinkage factors, etc. will be submitted to D.E.R. and Mr. Novak in near future. Further estimates and tests will be made to determine extent of conformance to the approved landfill plan.

INSPECTED BY:

DATE: 4-10-73

Joseph Solinko

ATTEST: Chalo a. Costalo

C. A. COSTELLO ENGINEERING CO. ALLENTOWN, PA. 18102

Charles A. Costollo

·	. A. Costello Eng 943 N. Sevent ALLENTOWN, PE	th Street	<u></u>	ETT 3.	OF TRAN	SMITT
	Phone 432	·	DA	4- 14-		127
	- //		HE		ARL GIT	
-	STATE MEA	ALTH CENTE	R	Novak	SAMITAR	LAHOFIL
	520 EAST	BROAD STA	eer,	:	-	
	BETHLE HEM,					·
	NEINCE HENI	- J- L. WAS		Printers and Automatical		
		<i></i>	H		75	
FNTI	EMEN:		L <u>i</u>	A.A. 10 mm		
		YOU Attached	Linder separate cov	MANAGEME er via	· — is and li	following items
	☐ Shop drawings	Prints	☐ Plans	☐ Samples	□ Speci	_
•	☐ Copy of letter	☐ Change order		2 01		•
	2 307 , 0. 101121		<u> </u>			
PIES	DATE NO.		DESCRI	PTION		
_		MARCH , 1975	LANDFILL	REPORT	To MR.	L. Nova
/		er '	·•	""	- Twp	MGR.
		1	~	44	· Mr	TITSCHICK
			•			
					······	· · · · · · · · · · · · · · · · · · ·
				······································	. :	
HESE	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
	☐ For approval		as submitted		copies for a	
	☐ For your use		i as noted	•	copies for dis	
	☐ As requested		for corrections	ii Return	corrected print	(S
	1 / -			and the second second	•	
	For review and			DDINTE DETUDNE	D ACTED LOAN	TO US
	For review and		1918 191 19 201 19 19 19 19 19 19 19	PRINTS RETURNE	D AFTER LOAN	TO US
REMAF	1		1918 1916 19 201 19 21 22 1 201 3 4 5 11	PRINTS RETURNE	D AFTER LOAN	TO US
REMAR	FOR BIDS DUE		100 100 100 100 100 100 100 100 100 100	PRINTS RETURNE	D AFTER LOAN	TO US
REMAR	FOR BIDS DUE		19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	PRINTS RETURNE	D AFTER LOAN	TO US
REMAF	FOR BIDS DUE			PRINTS RETURNE	D AFTER LOAN	TO US
REMAR	FOR BIDS DUE		india de la composición del composición de la co	PRINTS RETURNE	D AFTER LOAN	TO US
REMAR	FOR BIDS DUE			PRINTS RETURNE	D AFTER LOAN	TO US
REMAR	FOR BIDS DUE			PRINTS RETURNE	D AFTER LOAN	TO US
REMAR	FOR BIDS DUE			PRINTS RETURNE	D AFTER LOAN	TO US
REMAR	FOR BIDS DUE			PRINTS RETURNE	D AFTER LOAN	TO US
REMAR	FOR BIDS DUE			PRINTS RETURNE	D AFTER LOAN	TO US
	FOR BIDS DUE		Access in	PRINTS RETURNE	D AFTER LOAN	TO US 00181

April 16, 1975

Existing Permitted Landfill

Lehigh County

Novak Sanitary Landfill, Inc. SUBJECT:

South Whitehall Township

Permit No. 100534

Richard L. Kraybill TO:

Geologist

Bureau of Water Quality Management

Emil S. Washko www FROM.

Solid Waste Director Reading Regional Office

PURPOSE:

Response to your memorandum dated April 7, 1975.

SCOPE:

Division of Solid Waste Management and Bureau of Water Quality Management.

OBJECTIVE:

Establish monitoring points.

POLICY:

A minimum of one groundwater quality monitoring well shall be drilled in each dominant direction of groundwater movements, approved in advance of drilling by the Department's groundwater geologist.

RESPONSIBILITIES:

On April 18, 1972, Harold W. Campbell, P.E., consultant for the landfill operator requested a field meeting to discuss the locations of the proposed monitoring points with respect to property boundaries and feasibility for access. On May 10, 1972, a request to the Chief, Division of Solid Waste Management, was made requesting a field meeting with our technical representatives. To date there has not been a meeting or response.

CONCLUSION:

Would you be so kind as to establish this meeting or obtain the facts necessary to proceed and conclude this requirement.

REQUESTED RESPONSE DATE:

Ten calendar days from date of memo.

cc: Harrisburg Office Bethlehem Office Pottsville Office

Reading File Solid Waste Director - 2 Regional Sanitary Engineer

ER-B	LP-09 REV. 374		M				.=-		ž .
Muni	icipality Ang	Ih Whitera					Identification	on No. 10053	35
Cour	11y Lela	igh	· · · · · · · · · · · · · · · · · · ·	· .	-	• •		Date 04/17/	75
		-	COMMONWE	ALTH OF PI	ENN	SYLVANIA		/ •/	•
<i>\ J</i>			DEPARTMENT OF				RCES	TO FI CEIPE SHIP	
			BUREAU	F LAND PF	TOF	ECTION		RECEIVE	
	·		LAND DISPOS	AL INSPE	CŤI	ON REPOR	रा ।	DECEMBER OF TOLD HAS	SIZ
								APRI 7 1975	
<	\Rightarrow	@isposal Facili	ty A			0	Proprietor	. MANAGEMENT	
Nam	Koral	Alinesal.	Le :	N	ame	Luce	in I. Mor	w/c	-
	R-	# 1				7	1 11/1/2	1016	IA R
Addi	ress	01		— ^	ddr	ess <u> </u>	-, Utwo		07
		eym,		_					
70.0) 						
16-20 JE	O (n-Compliance; NA-Non-A	turi		· · · · · · · · · · · · · · · · · · ·				
1	7 000		C NC NA		•		روستنف شدر فرستوه د دستونیشند یو در د سند میوسود	NC NA	
Α.,	75.43, .93	Access Road	711	P	•	75.92	Standby Equipment		
В.	75.44, .94	Weighing or		a) .	75.96	Size of Working Face		
		Measuring Facilities		R	١.	75.97	Control of Blowing		
C.	75.45	Communications					Litter		
-	75.46	Fire Protection		s		75.98	Burning		
E .	75.47	Limited Access		т	•	75.99	Dust Control		
F.	75.48, .95	Unloading		U	١.	.111	Spreading and		
G.	75.49	Salvage					Compacting		
1	MARKET, E	e i taleg		V	'.	.112	Thickness of Cells		
H.	7 5.50	Vector Control		, N	ı.	.113	Daily Cover		
	75.51	Accident Prevention and Safety		×		.114	Intermediate Cover		
			——————————————————————————————————————						
T.	75.52	Employee Facilities		Y	.	.115	Final Cover	لكالالالا	
£K.	76.53, .120	Operational Records		z		.116	Sewage Solids, Liquids		
		and Plan Execution					& Hazardous Wastes		
2Cm	75.82	Cover Material		A	A.	.117	Bulky Waste		
THE STATE		Characteristics		В	В.	.118	Placement in Ground		
100	**************************************								

Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspection Report.

CC.

DD.

.119

.121

Water

Ceased

Final Grading & Seeding

Continued Maintenance After Operations Have

200183

Prevention of Ground

Drainage of Surface

Water Pollution

Water

Equipment

75.85

75.91

•••	
	Disposal Facility/ Asak Sie pasal Sit
	ID# 100534 -
	Date 04/17/75
@ Some additional work is	needed in the Senstition
a a freds west	be laranvery 10 and in
I have Girde Gutan	~~
6 J. De march Linespeller	The species of the state of the
le aux (Mark cent) that is	many on the finder
place-out.	•

Department of Environmental Resources Representative

Lows / Marke

ER-B	LP-09 REV. 3/74	1 11	, -1					
Mun	icipality Lac	the Whiteh	.	-			n No. 200534	<u>-</u>
Cour	nty Lek	igh					Date 04/25/	Z
Ú			COMMONWEALTH DEPARTMENT OF ENVI BUREAU OF LA LAND DISPOSAL II	RONMEN	ITAL RESOU TECTION	APR:	EIVED	•
. —		Disposal Facilit	<u>v</u>			Proprietor	CEMEN	
Nam	Trong	k dinesol	f f			T. ha		
		# 1		Nam	The same	# 2	2-7-21	_
Addı	all	Retown T	Ta 18104	Add	all all	le Sure, 7	2	-
(C-C	mpliance; NC-No	n-Compliance; NA-Non-Ap	opticable)	-		· · · · · · · · · · · · · · · · · · ·		
*1	" audi-	Construction	C NO NA			The second secon		
A.	75.43, .93	Access Road		Ρ.	75.92	Standby Equipment		٠.
В.	75.44, .94	Weighing or Measuring Facilities		a .	75.96	Size of Working Face		
c.	75.45	Communications		Ŗ.	75.97	Control of Blowing Litter	9 -	:
Ĺ	75.46	Fire Protection		s.	75.98	Burning		
F	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		υ.	.111	Spreading and Compacting		
G.	75.49	Salvage	$\square\square$ \square	v .	.112	Thickness of Cells		
Н. У	75.50	Vector Control		w.	.113	Daily Cover		•
	,75.51	Accident Prevention and Safety		x.	.114	Intermediate Cover		
	.75.52	Employee Facilities		Υ.	.115	Final Cover		
	75.53, .120	Operational Records and Plan Execution		Ż.	.116	Sewage Solids, Liquids & Hazardous Wastes		
L.	75.82	Cover Material		AA.	.117	Bulky Waste		•
M	75.84	Characteristics Prevention of Ground		BB.	.118	Placement in Ground Water		
	7E 0E	Water Pollution	6 7	cc.	.119	Final Grading & Seeding		
N.	75.85	Drainage of Surface Water	4 ————————————————————————————————————	DD.	.121	Continued Maintenance		•
	/75.91	Equipment				After Operations Have Ceased	200185	
Speci	fy all violations, in	ndicate required corrective	measures and indicate abateme	nt time fo	or all NC item:	s on page 2 of the Inspection		

	Disposal Facility Rovok Spand Sin
	Disposal Facility Rovok Spend Son
	Date 04/25/75
O additional goods must be	Exhality in the Lill
now being completed	inorder to get graper
all of shows Const	
a 111.1 f. I neveretate	in such he the letter
dinula ciroria	- 19-1 -
	11 to week the less To
Moremente dispersal aforation	to the new onea. Con
- subvation of the gran to	fere the day the share
- subvalion of the Eastern Endry	files new ard.

Department of Endiportment of

Paris Variation

11:00534

5'07'.

NOVAK LANDFILL REPORT

ROADS:

L.R. 39042 and T-593 clean-surface and shoulders in good condition. Side road ditches prevent water from entering the site via the main access road.

ACCESS ROADS:

Main road dry, rough in spots but passable. Road to East Side Demolition Area dry and in good condition but seldom used at present. "Old" road very rough and muddy. This road used occasionally to obtain Soil from stockpiles in Southeast part of site. Entrance to West Center Deposition Area muddy for a short distance, but will be repaired by crushed stone fill stored in the area for such purposes.

Con Pala Filance

DEPOSITION AREAS: West Center still main deposition area on the site. Refuse dumped, spread and compacted, then covered with a 12" layer of clay. West and Northwest portions have been covered with clay and graded. Small amount of plastic and paper scattered about this surface - bu is firmly anchored in the surface. East Center "basin" unused but surface is covered with loose sheet plastic, and paper. This waste will be covered before deposition begins here. Grade stakes set by Mr. Novak to guide machine operato when operations begin in this area in approximately one month.

NOVAK SANITARY LANDFILL REPORT

(Cont'd)

DEPOSITION AREAS:

East Side used intermittently during past month. East end, or bottom in good condition, ie. covered with earth.and graded to elevations marked.on trees and poles. Surface between trench and center basin in good condition - paper and plastic anchored firmlyin the soil.

TRENCH:

Not used for several months. Water in trench-and will be dewatered during the next 2-3 weeks. Sides are steep, but appear to be stable.

FENCES:

Additional fences erected in Southeast portion of the

Long fence South of West Center Area will be repaired

and extended eastward.

WOODED AREAS:

Most paper and sheet plastic removed from trees and

brush. Remainder will be cleared as time and weather

permit.

VERMIN:

None observed anywhere on site; no smouldering

or burning material on any part of landfill.

In general, the Landfill is in good condition.

Mr. Novak implements suggestions as soon as possible, and endeavors to maintain roads in good condition eve

in very wet weather.

INSPECTED BY

Joseph Solinko

C. A. COSTELLO ENGINEERING CO.

ALLENTOWN, PA. 18102

C. A. Costello Engines ing Co. LETT IN OF TRANSMITTA 943 N. Seventh Stree ALLENTOWN, PENNA, 18102 Phone 432-8524 -6 STATE HEALTH CENTER NEUNIX -.471<u>177146</u> 520 EAST BRUGO STREET BETHLEHEIM, GENTLEMEN: WE ARE SENDING YOU Attached Under separate cover via_ the following items: ☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples □ Specifications ☐ Copy of letter D MICHTHLY REPORT □ Change order DESCRIPTION DATE NO. COPIES 5.9.75 SAULTALLY " TWP. MER THESE ARE TRANSMITTED as checked below: □ Approved as submitted ☐ For approval ☐ Resubmit _____copies for approval ☐ Submit _____copies for distribution ☐ For your use □ Approved as noted ☐ Returned for corrections ☐ Return _____corrected prints ☐ As requested. K For review and comment FOR BIDS DUE 19 PRINTS RETURNED AFTER LOAN TO US . 200

COPY TO MIZ LEUIS NOVALE.

SEUTH WHITE HALL TENNERIP MANGER SIGNED:

KARFIRE

SLEDING STEPH SELECTION SIGNED SIGNED:

We enclosures are not as noted, kindly notify us at gace.

MASSER SELECTION.

SAMITARY LANDFILL REPORT

ROADS:

L.R. 39042 and T-593: Surface clean, earth shoulders stable and undamaged by heavy trucks entering and leaving the Landfill. Existing shallow roadside ditches carry storm water away from the main access road. Main road rough but passable, muddy in spots; but will be repaired when weather permits. Crushed stone stockpiled at strategic locations for that purpose.

ACCESS ROADS:

"New" road to East Side Demolition area in good condition desprite recent heavy rains. "Old" road muddy but scarely used, therefore it presents no problem to equipment operators. Short road to West Center Area muddy and rutted but will be repaired in near future.

DEPOSITION AREAS:

illaile.

WEST CENTER: Some deposition near southeast section; refuse covered with a 12 inch layer of clay; North side of fill will be graded to blend with original surface. Northwest, West, and Southwest sections not disturbed and appear to be stable though some small gullies have been eroded into West side of earth embankments. Shallow swales in the bank divert water from adjacent farmland to small nearly level, dispersal area near southwest section of the Landfill. These banks will be regraded when final stabilization measures are implemented.

EAST CENTER BASIN: No deposition here; surface clean; loose paper, plastic trash, etc. removed.

200190

SANITARY LANDFILL REPORT

(Cont'd) EAST SIDE DEMOLITION AREA: Refuse deposited on slope, ENCERTION ARMAD: spread and compacted. Will be covered with a layer of earth, East bottom of this area approximately 3 feet below grade, but surface in good condition and covered with earth.

SOUTHEAST SECTION: No deposition in this area; soil stockpiles readily accessable, Surface between "Old"

road (East) and trench in fair condition.

TRENCH:

Not used as deposition area during past several months and will not be used until West Center and East Center have been completely filled and stabilized. Sides vertical but stable.

FENCES:

In good condition in Southeast "corner". In fair condition along west side of access road and along west bottom of fill in West Center section.

WOODED AREAS:

Small amount of light waste such as sheet plastic and paper in trees and in brush in Southeast section of Landfill.

VERMIN:

None observed on any section of site; no smouldering or burning waste.

"Soft" or low spots in roads will be repaired with crushed stone compacted to form a solid surface. Water in trench will be COMMENTS: pumped out during dry periods. Deposition in East Center section will begin within two weeks; careful records will be kept of refuse deposited in this area, and volumes estimated which will then be compared with those calculated by actual field measurements. West Center when completed, will be surveyed to determine its conformance to the approved plan. Swale presently under construction parallel to main access road will be extended along old East road to dispersal area at Southeast section of the Project Site.

INSPECTED BY:

Jøseph Solinko

A. COSTELLO ENGINEERING CO. ALLENTOWN, PA.

30018F

				_			
	R-BLP-09 REV. 3/74	igh Whitche	. 1 (24			Identification	n No. 100537
C	ounty X E/14	L.					Date 05-72-75
		-	COMMONWEALTH OF DEPARTMENT OF ENVIRON BUREAU OF LAND DISPOSAL IN	ONMEN D PROT	TAL RESOUI	RE DIVISION MA	CEIVED ON OF SOLID WASTE AY 2 2 1975 MANAGEMENT
	ame Novol ddress R#	Disposal Facility L. 7	Lite .	Nam . Add	_	Proprietor K. Lauis - Plustum, J.	I. 2 19104
īc	-Compliance; NC-No	on-Compliance; NA-Non-Ap	opticable)				
A.	75.43, .93	Access Road	C NC NA	Ρ,	75.92	Standby Equipment	O NA NA
8.	75.44, .94			Ο.	75.96	Size of Working Face	
5.	75.44, .54	Measuring Facilities			75.97		
C.	75.45	Communications		Ŗ.	75.97	Control of Blowing Litter	
D.	75.46	Fire Protection		S.	75.98	Burning	
E.	75.47	Limited Access		T.	75.99	Dust Control	
F.	75.48, .95	Unloading		U.	.113	Spreading and Compacting	
G.	75.49	Salvage		V.	.112	Thickness of Cells	ren m
H.	75.50	Vector Control		W.	.113	Daily Cover	
	€£.75.51	Accident Prevention				-	
		and Safety		Χ.	.114	Intermediate Cover	
	75.52	Employee Facilities		Y.	.115	Final Cover	
K	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes	
	\$5075.82 s. s.	Cover Material Characteristics		AA.	.117	Bulky Waste	
	75.84	Prevention of Ground	C	BB.	.118	Placement in Ground Water	
		Water Pollution		CC.	.119	Final Grading & Seeding	
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance	
0.	75.91	Equipment				After Operations Have Ceased	200192

. !

Disposal Facility Kerrik Juspend -
ID# 100534 Date 05/22/75 O First grad mot be established on the slape of the opposed surface of the Eastern End of the Cleralities set. 1) Find gode sid place out aprotein must be conducted in the North-western one of the disposed will O ('me is need to higher trapping when rules is they saw saw and for comment of the trapping when rules is needed to leavest of a comment of the court of the cou thent he livelage to faith scholar fundle for the @ Prior the conducting aprotions in the one cant plus g tome roed - adequate grade (elevation) mes he stable Coughine with the regulations the extreme road to Little Control must be know that aley the extreme road to the despect one to the soir without must be seast of the min without smal. Louis / 1 well

Mun	icipality	with White	his I			Identification	n No. 1005	-34
Cou		1					n No. <u>/ 00/</u> Date <u>06/0</u>	2/75
			COMMONWEALTH O DEPARTMENT OF ENVIRO BUREAU OF LAN	DNMEN' DPROT	TAL RESOUR	RCES		
Nam	hora	Disposal Facilit	I St.	Nam	Lu	Proprietor /	rak	<u>ح</u>
. Add	T.	1		Addı	L	711		
Auu		lestown		. Audi		Mehren	, Pa	
īC.C	ompliance: NC No	n-Compliance; NA-Non-Ap	oliophia)				18100	2
(6-6)	ompilance; MC-MO	n-compilance, NA-Non-At	C NC NA				CNCN4	
A.	75.43, .93	Access Road		P,	75.92	Standby Equipment		j
8.	75.44, .94	Weighing or Measuring Facilities		Q.	75.96	Size of Working Face]
C.	75.45	Communications	@□	Ŗ.	75.97	Control of Blowing Litter]
D.	75.46	Fire Protection		S.	75.98	Burning		·
E.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting]
G.	75.49	Salvage		V.	.112	Thickness of Cells	r c ı — —	٦
H.	75.50	Vactor Control		w.	.113	Daily Cover		_]
	75.51	Accident Prevention and Safety		X.	.114	Intermediate Cover		_] ·-
	75.52	Employee Facilities		Y.	.115	Final Cover		1
K	, 75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		?
10	75.82 76.05	Cover Material Characteristics		AA.	.117	Bulky Waste] ; =
M.	75.84	Prevention of Ground Water Pollution		BB.	.118	Placement in Ground Water		4
The same of the sa	75.85	Drainage of Surface		CC.	.119	Final Grading & Seeding		•
5 A T T		Water		DD.	.121	Continued Maintenance After Operations Have]
O.	75.91	Equipment	measures and indicate abatement	time f-	- all ALC :	Ceased	20019	k
Shace	A BII AIDIS(IOUS' II	unicate reduited corrective	measures and indicate abatement	LIITIE TO	an No items	on hade a or ma tuabectio		

Disposal Facility Morak Assessed
I D # 100534

Date _ 05/02/75

Date _

ast nent of Environmental Resources Representative

Laurs / love 6 Operator

Reading Office June 5, 1975

Ì

Existing Permitted Landfill South Whitehall Township Lehigh County Novak Sanitary Landfill Inc. Permit No. 100534

Emil S. Washko Solid Waste Director Reading Regional Office

Richard L. Kraybill Geologist Bureau of Water Quality Management

THROUGH: Chief, Operations Section

In reply to your memo of April 16, 1975:

If you desire a field meeting, I believe it should be arranged by you. It seems inappropriate to have Eureau of Water Quality personnel honor a three (3) year old request to the Division of Solid Waste Management regarding Solid Waste Regulation.

Our interest is whether or not the monitoring wells have been drilled as approved. If they have not been drilled as approved, it would appear to be a violation of a Solid Waste Regulation enforceable by you.

If a meeting is arranged, I will be happy to attend.

Please advise of the time and date of any meeting regarding the above case.

RLK:mg

Existing Permitted Landfill Lehigh County South Whitehall Township Novak Sanitary Landfill, Inc. Permit No. 100534

Emil S. Washko Solid Waste Director Reading Office

John P. Durr Regional Sanitary Engineer Reading Office

Your memorandum of June 10, 1975, with respect to monitoring wells at the Novak Sanitary Landfill, Inc. makes some rather strong remarks which I am reluctant to accept. It is requested that I be given a chronology of events from receipt of the application to date to understand your remarks and lack of cooperation by Water Quality. The information would be appreciated without too much delay.

JPD: jak

Reaj

June 10, 1975

SUBJECT:

Existing Permitted Landfill Lehigh County South Whitehall Township Novak Sanitary Landfill, Inc. Permit No. 100534

TO:

Regional Sanitary Engineer Bureau of Water Quality Management Reading Office

FROM:

Solid Waste Director Reading Office

On April 18, 1972, the consultant for the owner of the above-named facility requested reconsideration of location for two monitoring wells as required by permit.

A question arose since one location appeared to be in the middle of a public road and the other in an inaccessible wooded area.

It appeared that the locations may have to be relocated and the regulations emphatically state that location of monitoring wells shall be approved by the Department's groundwater geologist.

Since the regional geologist refuses to investigate, or confirm these locations and insists that these wells be drilled, will you undertake the approval and responsibility for having the well drilled in the middle of the road or establish the proper location to conclude this requirement.

cc: Bethlehem Office
Harrisburg Office
Pottsville Office
Reading File
Solid Waste Director



ER-B	LP-09 REV. 3/74	1 111						<u> </u>	
Mun	icipality	all Whole	1.7					n No. <i>LOC</i>	534
Cour	1ty_Zell	jk	•	•		•		Date 06	11/7
	<i>(</i>)	- -	DEPARTMENT O	F ENVIR	D PROT	ECTION	RECEIVATION OF SOLUTION OF SOL	VED LID WASTE 1975	
		Disposal Facility	y N 1 10				Proprietor		
Nam	e from	K Kned	Till	·	Nam	e_Leue	is I kan	uck_	· ·
Addı	ress R 2	. ***	•		. Addr	855	7 -		
•	alle	etown, Fe	<u> </u>			_Al	le town		
<u>IC-C</u>	ompliance; NC-No	n-Compliance; NA-Non-Ap	plicable)						· · · · · · · · · · · · · · · · · · ·
			C NC NA					CNC	NA
A.	75.43, .93	Access Road			P.	75.92	Standby Equipment		<u> </u>
8.	75.44, .94	Weighing or Measuring Facilities			a.	75.96	Size of Working Face		
C.	75.45	Communications		•	Ŗ.	75.97	Control of Blowing Litter		
· .	75.46	Fire Protection			S .	75.98	Burning		
E.	75.47	Limited Access			т.	75.99 .	Dust Control		
F.	75.48, .95	Unloading			U.	.111	Spreading and Compacting		
G.	75.49	Salvage			٧.	.112	Thickness of Cells	re n	
Н.	75.50	Vector Control			W.	.113	Daily Cover		
	75.51	Accident Prevention and Safety			x.	.114	Intermediate Cover		
	. 7 5.52	Employee Facilities			Y.	.115	Final Cover		
K.	. 75.53, .120	Operational Records and Plan Execution			ż.	.116	Sewage Solids, Liquids & Hazardous Wastes		WA
	75.82 3 in	Cover Material Characteristics			AA.	.117	Bulky Waste		
	75.84	Prevention of Ground Water Pollution			88.	.118	Placement in Ground Water		V #
	75.8 5	Drainage of Surface	لا لا ال		CC.	.119	Final Grading & Seeding		
THE STATE OF		Water	السالسا لسا		DD.	.121	Continued Maintenance		
	75.91	Equipment					After Operations Have Ceased		00199
Speci	fy all violations, in	ndicate required corrective	measures and indicate	abatemen	time fo	r all NC items	on page 2 of the Inspectio	n Report.	1 34

Disposal Facility Rosell Land Line Loos 34

Date OG/U/25

O abbitional elevations needed Date Offe/25at the site of the operation and in to the eastern section where future appealines are anticipated.

appet fight of Shellowimaniar Resources Representative

Leve / PRIGINAL OPERATOR

200199A

200990 _____

ER-BLP-09 REV. 3/74 Whitefull -Identification No. 20053 Municipality Date 06-20-**COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF LAND PROTECTION** LAND DISPOSAL INSPECTION REPORT Disposal Facility Proprietor Address (C-Compliance; NC-Non-Compliance; NA-Non-Applicable) C NC NA NC. 75.43, .93 Access Road P. 75.92 Standby Equipment Q. Size of Working Face 75.44, .94 Weighing or 75.96 Measuring Facilities 75.97 Control of Blowing Ŗ. 75.45 Communications Litter 75.46 **Fire Protection** 75.98 S. Burning 75.47 75.99 Limited Access T. **Dust Control** 75.48, .95 Unloading .111 Spreading and U. Compacting 75.49 Salvage ** Ewitzacher. ٧. .112 Thickness of Cells 75.50 **Vector Control** .113 **Daily Cover** 75.51 Accident Prevention X. and Safety .114 Intermediate Cover 110.79 .115 **Final Cover** 75.52 **Employee Facilities** 75.53, .120 **Operational Records** Z. .116 Sewage Solids, Liquids and Plan Execution & Hazardous Wastes Cover Material .117 **Bulky Waste** AA. Characteristics BB. .118 Placement in Ground 75.84 Prevention of Ground Water Water Pollution CC. .119 Final Grading & Seeding 75.85 **Drainage of Surface** Water DD. .121 Continued Maintenance After Operations Have */*75.91 Equipment Ceased Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspection

· r

· Falls

Disposal Facility Wark Supposal ---ID# 100534 O Elevations have been est - Date 06-20-75 are fell set Endag de Ontine road. It is projected @ Sails while how loves placed at the western sail of the despesal one must be graded, and substitute secondance with 3 Before Corking He present fill are Every the pain astract
good abbound the antral is need along the free his to the East of the disposal and. Definal Cour particul : top sail ? it be applied on to longlited. Department of Environmental Resources Representative Trust // sale